



CAREERS HANDBOOK 2023-2024

Imperial College London | Department of Computing

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You also have access to the DoCSoc Sponsors Portal which is where you can upload your CV and find out more about how to apply to each of our sponsors. You can access the portal at portal.docsoc.co.uk (Coming Autumn Term).

The information in this book was provided to DoCSoc by representatives of each respective sponsor between August and October 2023. Information regarding job positions and postings may change after this book goes to print. If there are discrepancies between a job posting online and in this booklet, assume that this booklet is outdated and the online information is correct.

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G-RESEARCH

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



G-Research is a leading quantitative finance research firm with offices in London and Dallas. We hire the brightest minds in the world to tackle some of the biggest questions in finance. We pair this expertise with machine learning, big data, and some of the most advanced technology available to predict movements in financial markets.

We're proud to run a wide range of world-class summer internship programmes, as well as industrial placement schemes, out of our offices in Central London. During their time with us, our interns and placement year participants get the chance to apply their skills

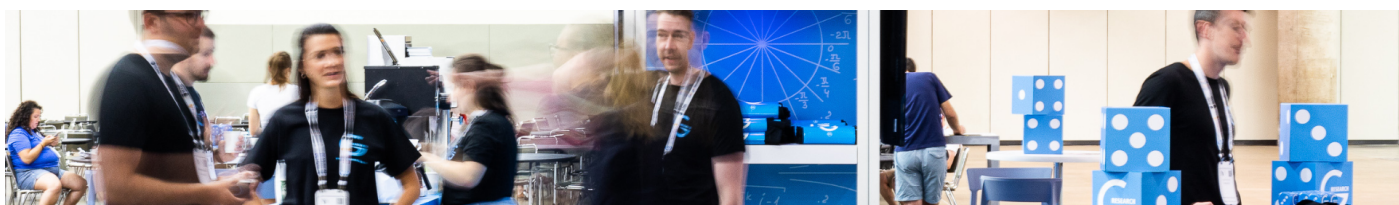
at a market-leading organisation, mentored by colleagues who are international leaders in their fields.

You'll work on bespoke business projects that matter, as well as take part in a wide range of skills workshops and talks from industry-experts, alongside developing a close relationship with your mentor, allowing you to further develop your skills in a business at the forefront of its industry. As well as professional development, we're also proud of our company culture and the bespoke array of social events and activities we arrange for our interns and industrial placement participants. And this is on top of a comprehensive range of benefits that all colleagues, including interns, get to sample. This includes:

- Free lunch via Just Eat for Business
- A dedicated on-site barista bar
- End of month drinks
- Christmas party

Interested in applying?

Applications for our internships and industrial placement schemes are now open. *Scan the QR code to learn more about our open roles and apply.*



**HRT****Gold**

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Build the future of trading.

At Hudson River Trading, we are mathematicians, computer scientists, statisticians, physicists, engineers and more. We are a community of friends and colleagues who embrace a culture of togetherness that extends far beyond the walls of our global offices. We are looking for the brightest quantitative and technical minds to join us in solving the most interesting problems in finance.

Opportunities for Students

- Internships – In our 11-week summer internship, current undergraduates work on real projects in collaboration with experienced mentors, and attend classroom sessions to build their knowledge and skills. Alongside their professional growth, interns look forward

to a packed social calendar that fosters lasting connections and memories.

- Full-Time Roles – If you're graduating from a bachelor's, master's, or PhD program in 2024, consider one of our full-time roles, where new hires are immersed in a robust training program that equips them for our deeply collaborative culture and teaches them everything they need to know to hit the ground running on their new team.

Career Pathways

• Algorithm Developer

Algorithm Developers are responsible for building and maintaining the models that drive our trading, relying on quantitative (mathematics, statistics, data analysis) and technical (C++/Python programming) skills to develop and improve our strategies. A typical day involves applying rigorous statistical analysis to vast quantities of market and financial data to produce predictive trading models.

• Software Engineer

Software Engineers on our Core Development team work on HRT's incredible live trading infrastructure; our distributed system is on the Pareto frontier of latency and throughput. You'll develop deep knowledge of C++ and/or Python, OS internals, CPU architecture, and networking hardware and protocols.

hudsonrivertrading.com/student-opportunities



JANE STREET

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Jane Street is a quantitative trading firm with offices worldwide. We hire smart, humble people who love to solve problems, build systems, and test theories. You'll learn something new every day in our office—whether it's connecting with a colleague to share perspectives, or participating in a talk, class, or game

night. Our success is driven by our people and we never stop improving.

Jane Street London

Summer 2024 internships

Applications for our London Summer 2024 internships are now open and live on our website, including Software Engineering, Quantitative Trading, Quantitative Research, Strategy and Product, Sales and Trading and more! We review applications on a rolling basis and therefore invite you to apply anytime. We ask you not to apply until you're ready to interview.

Jane Street In-house Programmes 2024

We are running a range of in house programs for students earlier in their studies, including: WiSE, FOCUS, First Year Trading and Technology Program (FTTP) and Insight. Applications are now open!

WISE (7th - 10th January 2024 in London) is for first-year undergraduate students who identify as women, transgender, and gender-expansive to spend two days in our London office learning more about who we are, what we do, and how we do it. You will learn about how we use maths, computer science and probability concepts in trading, as well as insight into the different roles that exist within the firm. Jane Street will provide all travel and housing accommodation. Deadline to apply is Sunday, 19th November 2023.





FOCUS: (10th- 13th January in London) is crafted for undergraduate students, who self-identify with an underrepresented minority group. No prior finance experience is required, only an interest in seeing what a career at Jane Street might look like! Over the course of two days, you will participate in classes, discussions, and activities that are structured to provide a broad overview of the work our trading, software development, and strategy and product teams do. Jane Street will provide all travel and housing accommodation. Deadline to apply is Sunday, 19th November 2023.

INSIGHT: (14th - 19th April in London) is for students graduating who identify as women, transgender, and gender-expansive graduating in 2026 to spend four days in our office learning more about what we do and how we do it through a set of trading and programming classes and activities. Attendees will receive an in-depth look into the ways we use math and computer science across our firm to solve problems and foster collaborative thinking. We are offering three separate tracks: software engineering, trading, and strategy & product. Jane Street will provide all travel and housing

accommodation. Deadline to apply is Sunday, 17th December 2023.

FTTP: (24th - 28th March 2024 in London) is for first year students studying math, physics, Computer Science or other STEM-related degrees. It does not require a prior knowledge of finance, only an interest in seeing what a career at Jane Street might look like. Jane Street will provide all travel and housing accommodation. Deadline to apply is Sunday, 21st January 2024.

If you are interested in finding out more about Jane Street, you can check out the following resources: our interview guides, Jane Street culture and benefits, our tech blog, our signals and threads podcast and our Get to Know Us series.





MARSHALL WACE

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Marshall Wace is a leading provider of alternative investment solutions. We believe in unleashing the potential of each individual while working towards our common goals and shared values. Supporting our employees is fundamental to our success and we are constantly evaluating our offerings to ensure they're best-in-class.

As a firm, we have a hunger to do more, chasing innovation and pushing the boundaries of what's possible. Technological innovation has long been the cornerstone of our business. We

continuously invest in our systems, data, infrastructure and people in our efforts to maximise the alpha we deliver for our clients.

We strive to stay at the forefront of advancements in technology and view this as a key competitive advantage. Our staff are constantly seeking new ways to automate and streamline complex processes using a diverse mix of cutting-edge tools. Every member of our staff is expected to seek out new opportunities and push for advancements to our platform.

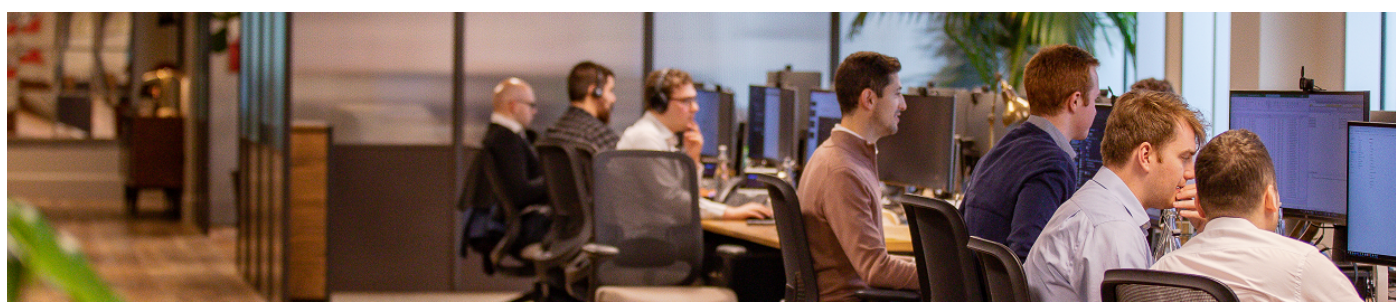
We have offices in London, Hong Kong, Singapore and New York with opportunities for graduates and interns across them. This includes a Technology graduate rotation scheme, a Technology internship, a Quant Associate programme and a Finance and Operations rotation scheme. In addition, exclusively for those on the MSc in Artificial Intelligence programme we offer a four month internship.

To find out more visit our website here:

<https://www.mwam.com/about-us/>

or get in touch with

Z.Rackham@mwam.com



Optiver

OPTIVER

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Ready to accelerate your growth in one of the most dynamic and fascinating industries there is? Discover Optiver, a leading global trading firm powered by technical innovation. For 35+ years, Optiver has been improving financial markets around the world, making them more transparent and efficient for all participants. With our



focus on cutting-edge engineering, data science and research, we actively trade on 70+ exchanges, where we're trusted to always provide accurate buy and sell pricing – no matter the market conditions. To be not only active, but also precise, across such a volume of markets and products is a hugely complex challenge – which is exactly what we thrive on. Are you someone who embraces constant innovation and strategic thinking in the pursuit of excellence? Learn more about Optiver's mission and opportunities at the link below <https://optiver.com/>



PDT PARTNERS

PDT

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



PDT Partners has had significant success over the past 25+ years as a quantitative investment manager by using a scientifically rigorous approach to develop and deploy trading strategies. Our technology team consists of software, systems and data engineers. We're looking for bright and uniquely excellent engineers to be part of a talented and creative community. You may be able to help us as we strive to be one of the best investment managers in the world.



Prior experience in finance isn't expected, but we do look for intellectual curiosity that runs deep. Our technologists work together in small teams on challenging real-world problems, contributing to our technology-critical algorithmic trading business. We build applications using C++, Python and Java, as well as the latest cloud and open source technologies.

We're also committed to being a fantastic place to work. Our engaging and unique culture is critical to our success and longevity. Some of the key values that define us are:

Collaboration - PDT actively fosters a culture of collaboration and innovation. We believe the best solutions arise from





teamwork, candid debate, and open sharing of knowledge and ideas.

Shared Success - Our success is shared across the firm; we recognize, appreciate, and reward the contribution and impact that PDTers make.



Partnership - Our open partnership structure reinforces a culture of merit and ownership and allows us to attract, reward, and retain the next generation of PDT leaders.

Diversity - We celebrate the diverse and rich set of skills, backgrounds, and interests that PDTers bring.

Fun - We believe work is but one part of a full life – we support professional and personal well-being. PDTers get together for family picnics, wine tastings, poker tournaments, fun runs, board-game nights and many more!

Giving Back - Tutoring of school students, our charitable donation matching, and philanthropic partnerships are some of the ways we contribute to the larger community.

If you are a MEng Computing Student looking for a 6-month Industrial Placement please send your CV to imperial2024@pdtpartners.com.



TERRA

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Terra is an API that makes it easy for apps to connect to wearables. Currently, apps and developers in the fitness, wellness, sleep, and overall health spaces are using us. Terra was launched in early 2021, and since then we've been growing like crazy. But this is just the beginning.

We are building the infrastructure underpinning the future of healthtech and are now reaching the scale of any type of consumer app using us.

We are always in the process of building the best team in the world — after all, our competitive advantage is who we are. The majority of us are Imperial alumni and were in your shoes not so long ago! We are always searching for the best, and when we find them, we let them show us the way.

The goal and vision

Think if Spotify and Netflix create music and movies based on your heart rate, and stress levels, in real-time. We want to enable apps to achieve that reality, through our super easy-to-use API.

Funding

To achieve our grand goal, we couldn't have made it without the support of some incredible investors. We are lucky enough to be supported by General Catalyst, Samsung NEXT, Next Ventures, and we were part of Y-Combinator's W21 batch.

How things work

Our team consists of people that are getting things done, are incredibly resourceful, and are intense learners.

We stick to the fundamentals

Reasoning: We are reasoning through first principles: In engineering, when solving a problem, we tend to think from





first principles. This helps to have a good foundation and a strong starting point. Once the foundation is set, then we create feedback loops. It looks like this:

Basically, we solve problems by using feedback loops, and we grow as a team by learning from mistakes. And the funny thing is that the more mistakes we make, the better we become.

When thinking in first principles, and building via feedback loops, you immediately discover that everything is buildable, and everything is possible. So you default to yes. It's not a question of if we should build something difficult, it's a question of how we do it. And when you think about 'how', then you become resourceful.

Our culture

Speaking to users, building product

We innovate by finding the first ten users that love what we are building, and then they will bring another 100. We then commit an intense focus to delivering

product improvements that are given to us by our customers. We speak to them daily, and we build and ship immediately, based on their feedback. The signal always comes from users.

Doing things that don't scale

Whenever we innovate, we build something very scrappy at the beginning. It possibly takes less than a day in development time. If it works for the customers, then we build something that takes a week. If that works, then we improve it over time.

High momentum, high velocity

We are running as fast as possible. This helps us make more mistakes, improve the feedback loop, and improve the outcome. Growth is what keeps us going, and we never take our attention off it.

Delta of learning, over static knowledge

We prioritize rate of learning over experience. Building something difficult has a very steep learning curve, and hence we are always in search of extreme learners.

Team comes first

We can only achieve our vision with the best people. But at the same time, the best people are part of a unit. The answers to our actions come from questioning: will my action help the team, or not, and hence bring the team closer to the vision.

Here are a few of the books that are an internal part of our culture. Every new joiner reads one and gives a presentation to the team. They then become culture:

- Skin in the Game by Nassim Taleb
- Antifragile, by Nassim Taleb
- The Barcelona Way, by Damian Hughes
- Deep work, by Cal Newport
- And Thinking Fast and slow, by Daniel Kahneman

We also like food :) We usually do dinners, to celebrate our small wins.

Opportunities

We are always looking to hire for a variety of roles including:

- Full Stack Engineer
- AI Engineer



- Generalist (Operations)
- UX/UI Designer
- Growth Engineer

To learn more about Terra visit
<https://tryterra.co>

To apply to our latest job postings visit
www.ycombinator.com/companies/terra

To learn more about our team members (we made it a bit more fun, more real):
blog.tryterra.co/team-spotlight/home

Be sure to check out our blog on all things wearables and health
<https://blog.tryterra.co>





THE TRADE DESK

Gold

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



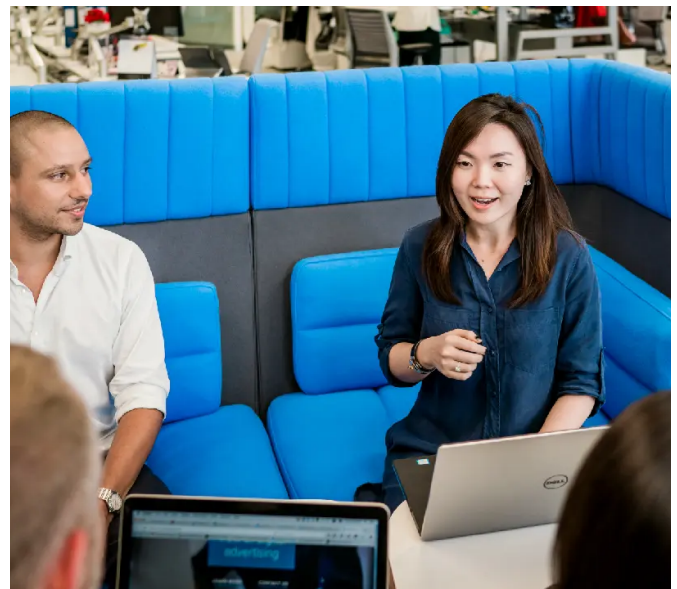
3rd Year Industrial Placement



Graduate Roles



The Trade Desk™ is a global technology company that empowers buyers of advertising. Through its self-service, cloud-based platform, ad buyers can create, manage, and optimize digital advertising campaigns across ad formats and devices. Integrations with major data, inventory, and publisher partners ensure maximum reach and decisioning capabilities, and enterprise APIs enable custom development on top of the



platform. Headquartered in Ventura, CA, The Trade Desk has offices across North America, Europe, and Asia Pacific. To learn more, visit thetradedesk.com.





ARCTIC LAKE

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Arctic Lake is a London tech company focused on building and operating sophisticated trading systems for banks and hedge funds. Our exceptional commitment to nurturing client relationships and our ability to advise and support often creates a feeling more of an in-house tech partner than a typical external provider. The strength of our professional relationships and our proactive approach means our developers get to spend their time collaborating, problem-solving, and learning instead of fighting fires.

At Arctic Lake, we pride ourselves on the quality of our code, the robustness of our systems, and the calibre of our team. We are unburdened by legacy systems and tech debt and we deeply value innovation. Our flat structure gives all members of our team opportunities to solve difficult problems and feel real ownership in

their work.

Although we are still a small, close-knit team, we have more than doubled in size over the last year and are on track to continue growing at a similar pace for the foreseeable future, meaning we can offer unmatched opportunities for growth, impact, and exposure to cutting-edge technology.

Information about open roles at Arctic Lake can be found at [careers/arcticlake.com](https://careers.arcticlake.com). We don't require a cover letter, and the average application process lasts about 3 weeks, so why not apply and find out if you might be one of us?

Bloomberg

BLOOMBERG

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Bloomberg is a global information and technology company.

We use our dynamic network of data,

ideas and analysis to solve difficult problems. Our customers around the world rely on us to deliver accurate, real-time business and market information that helps them make important financial decisions.

Our 8,000+ engineers, developers, and data scientists are dedicated to advancing and building new solutions and systems for the Bloomberg Terminal and other products in order to solve complex, real-world problems.

**CITADEL****Silver**

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Citadel is a global investment firm built around world-class talent, sound risk management, and innovative leading-edge technology. For thirty years, Citadel's hedge funds have delivered meaningful and measurable results to top-tier investors around the world, including sovereign wealth funds, public institutions, corporate pensions, endowments and foundations.

Citadel Securities is a leading global market maker across a broad array of fixed income and equity securities. Our world-class capabilities position us to meet the liquidity demands of our diverse group of institutional clients in all market conditions. In partnering with us, our clients, including asset managers, banks, broker-dealers, hedge funds, government agencies and public pension programs are able to gain a powerful trading advantage and are better positioned to meet their investment goals.

Across both businesses, we offer internships and graduate role in areas such as:

- Investment & Trading | Citadel Securities:

Our traders make complex risk decisions and execute trades at scale, in real-time. As a markets and trading expert, you will use predictive analytics and advanced technology to monitor risk, respond to market signals and execute trading strategies across Options, ETFs, Equities, Fixed Income, Commodities and Currencies.

- Investment & Trading | Citadel:

As we seek to become the most successful investment team in the world, we empower Traders to bring investment ideas to life. Our Traders identify opportunities in major financial markets around the world and take calculated risks. We succeed together in a team environment that facilitates close collaboration between Traders, Quantitative Researchers, and Technologists.

- Software Engineering:

Our engineers work in small teams to turn the best ideas into high-performing and resilient technology. With short development cycles, work rapidly goes into production. As an engineer, you can create systems architectures, develop platforms and build web frameworks. You'll have access to state-of-the-art tools and apply innovative techniques including distributed computing, natural language processing, machine learning and more.

- Quantitative Research:

Quantitative Researchers play a key role in our mission to be the most successful investment team in the world, by developing next-generation models and trading approaches for a range of investment strategies. You will get to challenge the impossible in by applying sophisticated and complex statistical techniques to financial markets, some of the most complex data sets in the world.

Our Summer Internship is an 11 week program that will allow you to collaborate

and connect with senior team members in London, while working through real world problems. We also offer 6 month internships to those with specific course requirements. All applications can be made directly via Citadel Open Roles or Citadel Securities Open Roles.

**DRW**

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



We work at the intersection of trading and technology.

In 1992, our founder saw an opportunity to start a new type of trading firm – one that applies modelling, technology and quantitative research to identify opportunities in the global financial markets.

Over 30 years later, the combination of these three areas has made DRW one of the leaders in global markets and has created significant runway for the

growth of our firm. We still trade for our own account and the absence of outside investors enables us to be innovative and nimble in capturing opportunities.

At DRW, we identify and capture trading and investment opportunities globally. What sets us apart is our diversified approach—trading across many asset classes and instruments, in markets around the world, with horizons from seconds to years. We succeed by leveraging technology, research and risk management.

We offer the best of both worlds: the opportunity and spirit of a start-up and the benefits and stability of an established, experienced firm. Our employees work hard to solve interesting problems, and their results are rewarded. We value continuous learning—from our outcomes, from the environment and from each other. It's a place of high expectations, deep curiosity, and constant collaboration, with some of the smartest, most passionate people you'll meet.

Whether you're looking for a summer internship or a full-time graduate role, you can discover the worlds of trading and technology at DRW.

Internships

If you enjoy taking on new challenges and improving your craft, the opportunities at DRW are diverse — not only in the variety of products we trade, but in how our teams achieve their goals.

An internship at DRW means you're constantly learning new areas to apply to your quantitative skillset—and questioning how you approach and solve problems.

- Quantitative Research Intern
- Quantitative Trading Analyst Intern
- Software Developer Intern

Grad Roles

Learning is a core value here and we're committed to making learning opportunities easily accessible so all employees can build their skills and develop their careers.

We have built a personalised learning program with a simple goal — to help you gain a deep understanding of DRW, our role in the financial markets and the tools you will need to be successful in your new career.

- Quantitative Researcher
- Quantitative Trading Analyst
- Software Developer




IMC
Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



No siloes. No hierarchies. Just great ideas. As a leading global market maker, IMC uses algorithmic trading and advanced technology to buy and sell securities on multiple trading venues worldwide.

Across Europe, the US, and Asia-Pacific, our technologists and traders collaborate to explore, design, and develop the software, hardware, advanced networks, and algorithms that drive our trading strategies and provide essential liquidity to financial markets.

Our enduring success is testament to the strength of our values. We fuse creative freedom, open feedback, and quick iteration to empower some of the world's most talented people. We recognize the best ideas today – and collaborate across teams, borders, and time zones to make them even better tomorrow. And while

we work hard, we have lots of fun doing it.

It's a unique culture that sets us apart. As we like to say, there's only one IMC.

We're looking for the brightest minds in:

- Engineering
- Computer Science
- Maths
- Statistics
- Physics
- Economics
- Finance

CAREERS IN TRADING

With outstanding mathematical and analytical skills together with curiosity and a drive to excel, you'll love solving complex problems. You will spot new opportunities in the market and go after them with a talented engineering team to have a direct impact on our business.

- Develop, maintain, and improve trading models, algorithms, and systems
- Trade a range of financial instruments
- Manage the execution and risk of complex trading portfolios
- Cross-functional collaboration with our developers and engineers to understand and improve our technical infrastructure

Trading roles:

- Graduate Trader
- Graduate Quant Researcher
- Graduate Research Analyst
- Trader Intern



CAREERS IN ENGINEERING

As an Engineer at IMC, you won't just be writing code; you'll be responsible for spotting opportunities and developing new technology — from advanced networks, algorithms, or anything in between. Find your niche as you use your creativity to problem-solve and create solutions to the world's most challenging problems.

- Develop cutting-edge technology in software, hardware, advanced networks and algorithms
- Write code in a collaborative environment where independence is also valued
- Explore challenging problems in latency

cy and data analysis

- Partner with traders around the globe to improve our systems

Technology roles:

- Graduate Software Engineer
- Graduate Hardware Engineer
- Software Engineer Intern
- Hardware Engineer Intern

BENEFITS

- Travel to one of our offices in Amsterdam, Chicago, or Sydney for the Global Traineeship
- Extensive and ongoing professional development training programs
- In-house chef providing gourmet breakfast, lunch, and snacks
- Social activities and weekly Friday night drinks
- Annual international company weekend away
- Wellbeing program with subsidized fitness classes
- In-house gym and massage
- Volunteering days and dollar matching for charity donations

GRADS & INTERN PROGRAMS

Join the world's most innovative trading firm and go beyond the obvious.

Explore careers on: imc.com/careers

[@imctrading](https://twitter.com/imctrading) #LifeatIMC



jumptrading

JUMP TRADING

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Jump Trading is a leading algorithmic trading firm built on cutting-edge technology, sophisticated quantitative research, and an entrepreneurial culture. Founded in 1999, Jump now has over 1200 employees across offices in Chicago, New York, London, Bristol, Amsterdam, Singapore, Shanghai, and others. Jump is still privately owned and funded, fostering a culture of intellectual curiosity and learning. Our people are some of the world's most brilliant minds, with backgrounds from the trading industry, Silicon Valley tech companies and startups, top PhD programs and research labs. We have a 20-year history of investing in superior infrastructure, including custom hardware, low-latency software, wireless networks, and a world-class supercomputer. We've built custom technology to power our highperformance, distributed systems

and to identify trends in massive data sets across global markets.

We offer internships in:

Software Engineering (C++/Python) – For students interested in lowlevel, high performance C/C++/ Python code on Linux, you like to build optimal solutions from scratch, and you have interests in distributed systems, computer architecture, and operating systems.

Data Engineering – For students who are not only very strong Python programmers, but also have an active interest in data science, cutting edge machine learning, and working in a growing, agile team, within a company that allows them the resources to work with cutting edge technologies.

FPGA Engineering – For students interested in building next generation, ultra-low-latency systems to power trading with machine learning and other algorithms on a global scale. We value a blend of hardware engineering experience with exceptional software development skills to add value to our growing team.

ASIC Engineering – For students who are interested in building custom hardware solutions from scratch, covering everything from low-level C/C++ software, to compilers to RTL, Verification, Physical Design, and PCB Design.

Tech Ops – For students who have

exceptionally strong skills in Python, Linux, troubleshooting, networking, automation and performance optimisation. We highly value students who can solve problems creatively and have hands-on technical experience – whether tinkering, setting up their own servers, or contributing to open source projects.

WebDev/UI – For students interested in using advanced JavaScript, Python, and modern Web frameworks to build Web-based applications that interact with several components of our real-time trading platform.

Visit the job board on our website jumptrading.com and apply to “Campus” positions OR get in touch with Oskar at oivanic@jumptrading.com if you want to learn more!

**META**

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Meta, formerly known as Facebook, is a pioneering technology company that has been at the forefront of the digital revolution for over a decade. Established in 2004 by Mark Zuckerberg, Meta’s mission is to connect people, build communities, and bring the world closer together through innovative technologies. With a global presence and a commitment to pushing the boundaries of what is possible in the digital realm, Meta is an industry leader that offers exciting opportunities for university graduates.

Our Vision

At Meta, we envision a future where people can seamlessly connect, communicate, and share experiences across the digital landscape. We believe in the power of technology to create positive change and foster a sense of global community. With our commitment to innovation and cutting-edge research, we are constantly pushing the boundaries of what technology can achieve. Our recent rebranding as Meta reflects our evolution beyond social media to encompass the Metaverse, a new digital frontier that promises to revolutionize how we interact with technology, each other, and the world.

University Graduate Opportunities at Meta

Meta is a dynamic and inclusive workplace that values diversity, creativity, and talent. We understand that graduates are the future of our company, and we

are dedicated to providing exciting career opportunities for young professionals who are passionate about technology and its potential to change the world.

1. Technical Roles

If you have a background in computer science, engineering, data science, or related fields, Meta offers a wide range of technical roles where you can make a significant impact. As a software engineer, data scientist, or machine learning engineer, you will have the opportunity to work on cutting-edge projects that shape the future of technology. Whether you're interested in developing augmented reality (AR) applications, improving user experiences, or advancing artificial intelligence (AI), Meta provides a platform for you to innovate and grow.

2. Research and Development

Meta is committed to driving innovation through research. Our research teams explore groundbreaking technologies, from natural language processing to virtual reality. As a graduate, you can join our R&D department and work alongside world-class researchers to solve complex problems and drive innovation. Your ideas and

contributions will help shape the future of technology and our understanding of the Metaverse.

3. Product Management and Design

If you have a passion for user experience and product development, Meta offers opportunities in product management and design. As a product manager or designer, you will collaborate with cross-functional teams to create products and experiences that millions of people around the world will use. Your creativity and vision will play a crucial role in defining the next generation of digital platforms.

4. Business and Operations

Meta's success relies on more than just technology; it also requires effective business and operational strategies. Graduates with backgrounds in business, finance, marketing, and operations can contribute to Meta's growth and impact. Whether you're interested in sales, marketing, or operations management, Meta provides a variety of roles that will challenge and reward your skills.

5. Internship Programs

For university students seeking hands-on experience, Meta offers internships that provide insights into our company culture and the tech industry. These internships are an excellent way to gain practical knowledge and build your network while working on real-world projects.



At Meta, we are shaping the future of technology and reimagining how people connect and interact with the digital world. As a university graduate, you have the opportunity to join our global team of innovators, researchers, and leaders who are committed to making a positive impact. We value diversity, creativity, and talent, and we invite you to explore the exciting career opportunities at Meta as you embark on your journey into the world of technology and the Metaverse. Join us in creating a future where technology brings people together and empowers positive change.



NETCRAFT

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Netcraft is the global leader in cyber-crime detection and disruption. We are a trusted partner for three of the four largest companies in the world, twelve of the fifty largest banks, and five of the world's largest country governments.

We have blocked over 170 million malicious sites and perform takedowns against one-third of the world's phishing sites. Our detection service leverages automation to identify various cyber-attacks across multiple platforms including phishing, fake social media accounts, employee impersonation, advance free-fraud, fake shops, and investment scams.

Our in-house experts continuously adapt to new threats, processing millions of reports daily. Netcraft's countermeasures are highly effective, performing a takedown every 15 seconds, making our median takedown time three times faster than the industry average.

Netcraft's purpose, passion and expertise are focused on one thing: protecting the world from cybercrime. Our people are highly talented, and everyone is valued for their own contributions. We have a successful university recruitment program, providing diverse work opportunities for interns and graduates. We don't have "pet projects" — you'll be given trust and responsibility right away, working on real products and services within the business.

We are seeking motivated software developers to join our team at our offices in Bath, London and Manchester for summer internships (including first year students) and year-long placements. As a software developer at Netcraft, you will help design, develop, and maintain a wide range of highly automated systems.

To be successful, you'll need:

- Attention to detail, adaptability and strong intellectual and commercial curiosity;
- A positive, helpful and solutions-focused approach;
- Keen interest in internet technology, network security, data mining, or web-based user interfaces;
- Demonstrable programming knowledge and ability;
- A strong academic track record;
- Good communication skills and fluency in English;
- A well-developed sense of caution and ability to plan for the future with suitable programming abstractions, automated test suites and version control.

Prior experience with any of MySQL, Perl, Go, Python, PHP, Git, AWS, Puppet, JavaScript, TypeScript or Unix systems would be helpful, but is not essential.

We warmly welcome candidates from any and every walk of life. Even if you're not sure you can tick all the boxes above, please do apply – we review every application with real interest. We're also happy to adjust our hiring process to ensure that candidates with special needs or disabilities can participate just as fully and comfortably as anyone else.

To find out more about Netcraft, please visit: <https://www.netcraft.com>

To register your interest, please email: talent@netcraft.com



SIG

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



SIG is a global quantitative trading firm founded with an entrepreneurial mindset and a rigorous analytical approach to decision making.

We commit our own capital to trade financial products around the world. Building virtually all of our own trading technology from scratch, we are leaders and innovators in high performance, low latency trading. Our traders, quants, developers, and systems engineers work side-by-side to develop and implement our trading strategies. Each individual brings their unique expertise every day to help us make optimal decisions in the global financial markets.

SIG's Internship and Graduate Programmes can be the start of a rewarding and challenging career, we have opportunities across Quantitative Trading, Quan-

titative Research, Technology, Equity Research and Trading Operations.

Quantitative Trading

Our Quantitative Traders are known throughout the industry for using game theory and decision science to assess risk and make winning trades. Quantitative modelling skills, market knowledge, and expertise in risk management enable our Quantitative Traders to drive efficiencies in the global financial markets. Our trading acumen combined with our advanced technology solutions allow us to lead in the markets today and iterate towards what will make us even better tomorrow.

Technology

Our software developers solve complex problems that directly impact our business. Whether it's architecting a solution, coding an application, or providing support for systems currently in production, our developers select the best tools to build optimal solutions and see their code in production almost immediately. As a Software Developer, you will constantly look to improve our performance and design systems with scalability and flexibility in mind. That way, when market volatility causes sudden changes in data rates or usage - our systems are ready.

Find out more about SIG and our roles in our here - <https://dayinthelife.sig.com/career-brochure-eur/>.

Follow us on Instagram [@sigcampus](#) to get an insight into our internships.

Apply for our open roles here - <https://careers.sig.com/europe-recentgraduate-jobs/>.



SLB

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



We are a global technology company, driving energy innovation for a balanced planet.

At SLB we create amazing technology that unlocks access to energy for the benefit of all. That is our purpose. As innovators, that's been our mission for 100 years. We are facing the world's greatest balancing act- how to simultaneously reduce emissions and meet the world's growing energy demands. We're working on that answer. Every day, a step closer. Our collective future depends on decarbonizing the fossil fuel industry, while innovating

a new energy landscape. It's what drives us. Ensuring progress for people and the planet, on the journey to net zero and beyond. For a balanced planet.

Global in outlook, local in practice, we're united in our passion for discovering solutions and in our commitment to creating a sustainable and balanced future. We set the bar high. So we're looking for talented, driven people committed to innovation and success and who act with integrity. We're proud to have put down deep roots in more than a hundred countries, bringing our global-scale expertise and opportunities to local communities and our 98,000+ employees share a commitment to succeed and passion to innovate. With people from 172 different nationalities, our workforce is one of the industry's most diverse. We'll give you a platform to develop both professionally and personally, supported by our community of colleagues, co-workers, alumni, and our valued external partners. It's a deep collaboration that enables us all to achieve our goals.

We are open to flexible, hybrid working with a combination of on-site & home working days, which we call BlueFlex.

Why choose us?

Global adventure, broad exposure, limitless learning. Be part of something big. Your work will be challenging and exciting. You'll be part of the most multicultural and diverse team of experts in any

industry, anywhere. We'll trust you with huge responsibility early on and empower you to make an impact. Come and take your place – be part of powering tomorrow and changing the world.

Our culture and values

We take a good view and local approach, and everyone at SLB shares a passion for discovery and a relentless commitment to push boundaries. This shapes everything we do. From how we work together, to how we help our people develop.

We'll give you the platform to do exceptional work and succeed as quickly as possible. Our methodical culture means you'll be recognised for your achievements and enjoy a rewarding career that offers continuous opportunities for personal growth. In our community of colleagues, we challenge and support each other to achieve our goals. So if you're driven, committed and act with integrity, you could be part of one of the most multicultural groups of experts in any industry, anywhere.

What we value

People: Because our exceptional and diverse people are the pulse and spirit of who we are.

Technology: Because our passion for exploring enables us to solve the world's energy challenges.

Performance : Because together we deliver outstanding results to build a sustainable future

**RCM****Silver**

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Rokos Capital Management – RCM Technology Graduate Programme 2024

Who are we?

RCM is a global alternative manager combining relative value and directional trading across global macro asset classes to generate uncorrelated returns. Our core portfolio structure of intersecting product verticals is designed to deliver for investors in all market conditions. We have over 200 employees between our London, New York, Washington DC, Hong Kong and Singapore offices.

Why work for us?

Our people are key to our success, and we believe people work best in a positive learning environment. RCM's culture is underpinned by four core values: Trusted Talent, Challenge and Support, Collective Excellence, and Sustainable Success. Our

values capture the principles that direct our behaviour. In practice this means that every day is high energy and purposeful. We're focused on delivering success at pace. We strive for excellence. We will set high standards for you and give you access to the people, resources, and experiences that will help you to attain them. You will be given individual responsibility within a team structure. Collaboration is at the heart of what we do. It will be demanding, and fulfilling. Within a short space of time you will develop and grow.

What is the opportunity?

You will have impact from day one. Impact, pace, and teamwork are what defines us – we empower our developers to make important decisions and push our technical stack forward.

You will gain exposure to the whole firm. Our program is broken into three six-month rotations where you will have the opportunity to work across multiple technology teams supporting investment, research, and quantitative professionals. We are a nimble and dynamic organization where you can use your creativity and engineering skills to solve complex problems.

Our technology team consists of a group of highly-driven engineers, working together to help drive long-term returns for our investors. We work in a fast-paced and collaborative environment where we strive for excellence.

What are we looking for?

- Academic excellence: Proven academic success and on track to achieve top grades in a STEM subject.
- Competitive success: We are in an ambitious industry. Achievement in competitive math, science, or programming demonstrates dedication and skill.
- Technical distinction: Demonstrated passion for technology. Excellent programming skills, with experience in at least one object-oriented language.
- Team leaders: Strong team ethic with the ability to take ownership and work independently to drive change. Strong communication skills are a must.
- Entrepreneurial spirit: The willingness to take ownership and run towards problems.
- Intellectual curiosity: Innovators who seek to challenge the status-quo and stay up-to-date with the latest in the technology industry.

Apply as soon as possible – find out more on the RCM website -

www.rokoscapital.com



ANGSTROM

Silver

What We Offer

Internship (Non-Penultimate Year)



Internship (Penultimate Year)



3rd Year Industrial Placement



Graduate Roles



Are you a forward-thinking student at Imperial College London, eager to embark on an exceptional career journey in the cutting-edge field of Sports Forecasting & Analytics? Look no further than Angstrom, where innovation, pioneering spirit, and market leadership converge. Angstrom is the industry frontrunner, reshaping the landscape of sports analytics. If you're aspiring to secure an internship, placement or graduate role, Angstrom offers the perfect arena to refine your skills, contribute to groundbreaking projects, and chart a path to unparalleled success.

Innovation Beyond Boundaries

Our state-of-the-art solutions redefine the way sports analytics is done. We pride ourselves on our low-latency software, delivering real-time insights that empower our clients to make data-driven

decisions with split-second precision. Our team of passionate professionals is dedicated to pioneering new technologies, making us the leaders in the field. When you join Angstrom, you become part of a dynamic ecosystem where your ideas are not only heard but actively encouraged. We empower our employees to push the boundaries of what's possible, fostering an environment where creativity thrives.

Excellence in Data Science and Software Engineering

At Angstrom, we're all about data-driven decisions and high-performance software. Whether you're fascinated by the intricacies of Data Science or have a flair for Software Engineering, we offer opportunities that align with your interests and aspirations. We welcome programmers with experience in any language, harnessing their diverse talents to drive our innovation forward. Our Software Engineering roles operate within the .Net Framework, predominantly programming in C#, leveraging its power and versatility to create robust solutions. In our Data Science roles, we work with programming languages such as Python or R, harnessing their capabilities to extract actionable insights from complex datasets. Our projects range from developing cutting-edge machine learning models for predicting player performance to creating software solutions that transform how clients make strategic decisions. The possibilities are endless, and you can be at the forefront of it all.

Connect Through Social Events

We understand that a great workplace isn't just about work; it's also about building meaningful connections with your colleagues. At Angstrom, we foster a sense of community through regular social events. Whether it's after-work gatherings or team-building activities, you'll have plenty of opportunities to network, learn, and grow alongside your peers.

Opportunities Await

Are you ready to join a company that's re-defining the future of sports analytics? If you're passionate about innovation, have a drive for excellence, and want to make a real impact in the world of Data Science and Software Engineering, Angstrom is the place for you. We're on the lookout for talented individuals who are eager to embark on this exciting journey with us. We are proud to mention that we've already placed several members of staff from DocSoc in our expanding team. This highlights our commitment to nurturing talent and providing a rewarding environment for your career growth.

How to Apply

If you're interested in joining Angstrom and want to be part of our team, please reach out to Abday Azzi at abday.azzi@angstromsports.com. Abday will guide you through the application process and provide you with all the necessary information to kickstart your career with us.



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