



# CAREERS IN COMPUTING FAIR 2023



Thursday 26 October  
15:00-17:30



Mathematical Institute  
OX2 6GG

Explore full time jobs, internships,  
and graduate opportunities with  
top employers in the IT and  
computing sector.



[www.careers.ox.ac.uk/ccf](http://www.careers.ox.ac.uk/ccf)

# Welcome to the Careers in Computing Fair

Meet recruiters, attend presentations, explore jobs, and find out about the wide range of opportunities in the IT and computing sector.

The graduate employment record of Oxford's undergraduate and postgraduate students is exemplary. However, we often hear from employers that they find it hard to meet our students, and often hear from students that they find the process of making career choices challenging.

As an Oxford student with skills in computer science, there are a large number of organisations keen to recruit you! We hope that this event gives you the chance to meet employers and explore your career ideas.

[www.careers.ox.ac.uk/ccf](http://www.careers.ox.ac.uk/ccf)

## Top tips

Use this booklet to plan your fair tactics:

- Check who is attending and read their booklet entry before you speak to them.
- Plan some questions to ask. For example: what are the pros and cons of their work? or, what tips can they give you to increase your chances of being selected for work experience or employment?
- Be keen and attentive – first impressions count!
- Talk to as many people as you can.
- Remember to record who you spoke to and key points of your conversations.

Read more on how to [make the most of a careers fair](#).

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## Ab Initio Software

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Ab Initio has built a high performance, general purpose data processing software platform to create applications that tackle the largest and most complex data processing challenges.

These applications are some of the most complex operational and analytical systems in the world - mission critical applications with demanding performance requirements. We provide an incredible level of implementation expertise and support to our customers.

Ab Initio has grown through reference rather than marketing, so you may not have heard of us, but our customers are among the largest companies in the world in industries such as financial services, retail, telecommunications, transportation, healthcare and high tech.

We are headquartered in Boston, Massachusetts and have offices all over the world. Our UK office is in Weybridge, Surrey.

We are looking for Computer Science students who love to solve problems by really getting into detail, as well as having a desire for continual personal learning and development. If that sounds like you and you're interested in hearing about the Graduate Field Consultant role, we'd love to talk!



Find out more at: [www.abinitio.com/en/contact/](http://www.abinitio.com/en/contact/)

# Appian

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Before Appian was a company, it was an idea. Not about a product or a market, but about the culture needed to sustain innovation and value. Appian was founded on the belief that talented and passionate people, given the power and autonomy to excel, will deliver amazing results.

Today, we help you build apps and workflows rapidly, with a low-code automation platform. We combine people, technologies, and data in a single workflow to maximize your resources and dramatically improve business results.

Appian is the only recognized global leader across multiple enterprise technology markets, including low-code application development, digital process automation (DPA), intelligent business process management systems (iBPMS), and dynamic case management (DCM).

Our UK office is located at Level 25, 20 Fenchurch St, London EC3M 3BY

The Appian logo, consisting of the word 'appian' in a bold, blue, lowercase sans-serif font.

Find out more at: <https://careers.appian.com/>

## Aurora Energy Research Limited

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From its academic roots, Aurora Energy Research has grown to be the largest dedicated power market analytics company in Europe, providing data-driven intelligence to drive strategic decisions in the global energy transformation. We are a diverse team of experts with vast energy, financial, and consulting backgrounds, covering power, hydrogen, carbon, and fossil commodities.

We are active across the globe in the APAC, LATAM, EMEA, and NORAM regions, working with leading organisations to provide comprehensive market intelligence, bespoke analytic and advisory services, and cutting-edge software. We are a thriving, rapidly growing company, currently serving over 600 of the world's most influential energy sector participants, including utilities, investors, and governments, and we expect to continue to grow rapidly, adding new countries and products to our portfolio.



Find out more at: <https://auroraer.com/careers/graduate-programmes/>

## Cisco

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We connect everything – people, process, data, and things – and we use those connections to change our world for the better.

We innovate everywhere - From launching a new era of networking that adapts, learns and protects, to building Cisco Services that accelerate businesses and business results. Our technology powers entertainment, retail, healthcare, education and more.

We benefit everyone - We do all of this while striving for a culture that empowers every person to be the difference, at work and in our communities.

Colourful hair? Don't care. Tattoos? Show off your ink. Like polka dots? That's cool. Pop culture geek? Many of us are. Be you, with us. #WeAreCisco



Find out more at: <https://jobs.cisco.com/>

# Da Vinci



## Our Story

Da Vinci was founded in 2015 after a group of passionate trading experts found themselves desiring a new way of working.

At Da Vinci, our goal is to build the best proprietary trading house in the world. We strive to keep our work smart and creative, making the most of our team's strategic minds to challenge existing ways of thinking. We've established a unique approach to trading and culture, emphasising openness and collaboration across departments. We specialise in solving market inefficiencies, identifying opportunities based on volatility arbitrage strategies and providing liquidity to the markets. We are headquartered in the home of the world's first stock market, Amsterdam, and have just opened a second office in Mumbai. Today, we trade on the most prominent exchanges across South America, Asia and the US. Our vision is set on sustainable growth, with new offices opening abroad soon.

## Our Vision

Becoming the best in the world means building a team of first-rate talent with the most innovative ideas. The real value comes from how we work and grow together and you can find traders, developers and researchers working side by side every day and enjoying every minute of it. We are non-hierarchical and support employees as they explore different paths to find where their passion and talent aligns. No matter their role, everyone is key to sustainably growing Da Vinci.

We value innovation and excellence in everything we do, encouraging employees to take ownership of their work. We believe that our colleagues must consistently feel stimulated and supported in order to reach their full potential and achieve our ambitious goals.

# DA VINCI

Find out more at:

[https://davincitrading.com/careers/?\\_sft\\_locations=amsterdam](https://davincitrading.com/careers/?_sft_locations=amsterdam)



## DRW

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DRW is a diversified trading firm with over 3 decades of experience bringing sophisticated technology and exceptional people together to operate in markets around the world. We value autonomy and the ability to quickly pivot to capture opportunities, so we operate using our own capital and trading at our own risk. Headquartered in Chicago with offices throughout the U.S., Canada, Europe, and Asia, we trade a variety of asset classes including Fixed Income, ETFs, Equities, FX, Commodities and Energy across all major global markets. We have also leveraged our expertise and technology to expand into three non-traditional strategies: real estate, venture capital and cryptoassets. We operate with respect, curiosity and open minds. The people who thrive here share our belief that it's not just what we do that matters – it's how we do it. DRW is a place of high expectations, integrity, innovation and a willingness to challenge consensus.

# DRW

Find out more at: <https://drw.com/>

## Five Rings

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FIVE RINGS is a proprietary trading firm founded with a vision of combining strategy, innovation and technology to succeed in today's global markets. Based in New York and London, we trade in various domestic and international markets, both established and esoteric. Five Rings does not depend on clients or outside investors. Our team constantly seeks new opportunities, analyzes their risks and rewards, and creates strategies and tools to capitalize on them. The strength of our firm comes from the talent of our people, and our compensation packages reflect this belief.

Opportunities are everywhere. The objective at Five Rings: Find them first and profit from them quickly. We work in teams - Quants, Developers, Traders - continuously designing and optimizing. Strategies are executed rapidly, from insight to implementation often within days or weeks.



Find out more at: <https://fiverings.avature.net/careers>

## G-Research

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G-Research is Europe's leading quantitative finance research firm. 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.



Find out more at: [www.gresearch.com](http://www.gresearch.com)

## Ghyston

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We are an independent, award-winning UK software development company based in central Bristol. Our small (but brilliant!) team works across different sectors and with the latest technology, we deliver high-quality bespoke software projects. Solving challenges is our thing; from increasing business efficiency to creating a better customer experience, we love getting to understand our clients to create the best solution.

We put a huge emphasis on employee happiness and are dedicated to creating an environment where people love to come to work. Dedicated time for professional learning and development, a highly relaxed, friendly work environment, with a fully stocked drinks fridge and a plentiful snack selection and a large chillout room featuring a pool table, and a cinema/Nintendo Switch room are just a few things to name that make Ghyston a fun place to work for. Our dedication to creating a brilliant work environment is reflected in the recent awards we've obtained; A 3 star accreditation from Best Companies – listing us as a 'world class company to work for', Business Services award at the Bristol Life awards and Founder of The Year at the SPARKies.

# Ghyston

Find out more at: [www.ghyston.com/careers](http://www.ghyston.com/careers)

## GSA Capital

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With offices in London and New York, GSA Capital combines a world-class proprietary platform with innovative thinking to develop and deploy systematic and process-driven investment strategies across all asset classes, geographies, and timescales. We are a collaboration of approximately 150 people. Over 60% of our staff work in research or on developing technology necessary to enable and monetise our research. We are an eclectic mix of mathematicians, scientists, programmers, economists, and a great deal more. At GSA we reward people based on merit and excellence, not necessarily on experience. We avoid the bureaucracy of larger organisations and keep our management structures flat. Decisions are made efficiently; changes are implemented quickly. People who work here enjoy a culture of trust, innovation, and scientific rigour. It is a friendly, open place where people are motivated because they enjoy what they are doing.

**Opportunities available:** Quantitative Strategists, Software Engineers, Algorithm Developers

**Graduates Sought:** Students of all academic levels from STEM disciplines

**Vacation work:** Internships available for penultimate year undergraduate or postgraduate students

**Sponsorship:** We offer sponsorship for suitable prospects



Find out more at: [www.gsacapital.com/careers](http://www.gsacapital.com/careers)

## Hudson River Trading Europe Ltd

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Hudson River Trading (HRT) brings a scientific approach to trading financial products. We have built one of the world's most sophisticated computing environments for research and development. Our researchers are at the forefront of innovation in the world of algorithmic trading. At HRT, we welcome a variety of expertise: mathematics and computer science, physics and engineering, media and tech. We're a community of self-starters who are motivated by the excitement of being at the cutting edge of automation in every part of our organization – from trading, to business operations, to recruiting and beyond. We value openness and transparency, and celebrate great ideas from HRT veterans and new hires alike. At HRT we're friends and colleagues – whether we are sharing a meal, playing the latest board game, or writing elegant code. We embrace a culture of togetherness that extends far beyond the walls of our office.



hudson river trading

Find out more at:

[www.hudsonrivertrading.com/campus-recruiting/](http://www.hudsonrivertrading.com/campus-recruiting/)

## IMC Trading

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IMC was founded in 1989 by two traders working on the floor of the Amsterdam Equity Options Exchange.

While today's industry is highly automated, back then trading was executed on the exchange floor by traders manually calculating the price to buy or sell. IMC was among the first to spot the importance of technology and innovation in the evolution of market making and invested early, helping shape the future of trading. That entrepreneurial spirit and innovative culture still drives IMC, which stands for International Marketmaker's Combination. In 30 years we've grown internationally, trading primarily on the basis of data and algorithms, and using our execution platform to provide liquidity to financial markets globally.



Find out more at: <http://careers.imc.com/>

## Jane Street

Jane Street works differently. We are a quantitative trading firm active on more than 200 trading venues across 45 countries. As a liquidity provider and market maker, we help form the backbone of global markets. Our approach is rooted in technology and rigorous quantitative analysis, but our success is driven by our people.

Our bright, beautiful offices in the heart of New York, London, Hong Kong, Amsterdam, and Singapore are open and buzzing with conversation. We come from many backgrounds and encourage travel between our larger and smaller offices to share perspectives. Some of our best ideas come from bumping into a visiting colleague at the office coffee bar.

Markets move fast. Staying competitive as we've grown has required constant invention—of new trading strategies, technology, and processes. We've found this is easier when you hire humble, kind people. They tend to help each other and prioritize teamwork over titles.

We invest heavily in teaching and training. There's a library and a classroom in every office, because deepening your understanding of something is considered real work. Guest lectures, classes, and conferences round out the intellectual exchanges that happen every day.

People grow into long careers at Jane Street because there are always new and interesting problems to solve, systems to build, and theories to test. More than twenty years after our founding, it still feels like we're just getting started.



Find out more at: [www.janestreet.com/](http://www.janestreet.com/)





## Man Group

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Man Group is a global, technology-empowered active investment management firm focused on delivering alpha and portfolio solutions for clients. Headquartered in London, we manage \$151.7 billion\* (as of June 2023) and operate across multiple offices globally.

Our teams ensure the firm has a robust tech platform that facilitates alpha generation, portfolio management, trade execution, operations, compliance, risk management and accounting, as well as providing firm-wide end user collaboration tools. Our platform is built to handle scale, complexity and customisation.

As industry leaders in the implementation of technology into quantitative finance, we strive to continually invest in infrastructure, staff and research. We believe Man Group is the place to be if you want to work where open, forward-thinking, collaborative technology meets both quantitative and discretionary investment management.



Find out more at:

[mangrouplc.wd3.myworkdayjobs.com/Man Group Careers](https://mangrouplc.wd3.myworkdayjobs.com/Man_Group_Careers)

# Marshall Wace

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Marshall Wace is a leading provider of alternative investment solutions.

Operating as a single team across the globe, we are dedicated to creating long-term relationships with our clients built on trust and integrity. We define our culture as one of continuous innovation and a quest for improvement. We instinctively strive to do things differently, with fresh thinking that we believe enables us to create proprietary value and maximise the benefits to our clients. We offer various Internships and Graduate roles across the business. You can find out more on [www.mwam.com/join-us/graduates/](http://www.mwam.com/join-us/graduates/)



Find out more at: [www.mwam.com/](http://www.mwam.com/)

## Optiver

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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 via our career page.

**Optiver** 

Find out more at:

[optiver.com/working-at-optiver/career-opportunities/](https://optiver.com/working-at-optiver/career-opportunities/)

# OxFORD Asset Management

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Investing, powered by scientific excellence.

We are scientists, software engineers and mathematicians based in Oxford and drawn from around the world. Our group of exceptional thinkers, problem solvers and creators take a scientific approach, combined with outstanding technology, to invest in global markets.

## Exceptional, creative people

Our people come from many different walks of life, countries, and cultures. We are free thinkers who relish working together to find enduring solutions to complex problems.

We are rational, curious, and restless for improvements. We ask questions, challenge conventions and test limits. Our people are encouraged to use their initiative and follow their instincts.

Our group has a wealth of experience, accumulated over decades of investing through market cycles and global events. Our teams are small and focused; everybody has an opportunity to make a real impact.

Together, we enjoy tackling issues creatively and with open minds.

## Centre of excellence

Our offices are located in the heart of the city, surrounded by the colleges and faculties of the University. We work to the highest standards, advancing the frontiers of our field.



Find out more at: [www.oxam.com/join-us/](http://www.oxam.com/join-us/)

## Qube Research & Technologies (QRT)

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Qube Research & Technologies (QRT) is a global quantitative and systematic investment manager, operating in all liquid asset classes across the world. We are a technology and data driven group implementing a scientific approach to investing. Combining data, research, technology and trading expertise has shaped QRT's collaborative mindset which enables us to solve the most complex challenges. QRT's culture of innovation continuously drives our ambition to deliver high quality returns for our investors.



Find out more at: <https://www.qube-rt.com/careers/>

## Reply

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Reply specialises in the design and implementation of solutions based on new communication channels and digital media. As a network of highly specialised companies, Reply defines and develops business models enabled by the new models of AI, big data, cloud computing, digital media and the internet of things. Reply delivers consulting, system integration and digital services to organisations across the telecom and media; industry and services; banking and insurance; and public sectors.



Find out more at: <http://careers.reply.com>

# Rokos Capital Management

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## Who are we?

Rokos Capital Management LLP (RCM) has over 200 employees between our London headquarters, New York, Singapore and Hong Kong offices.

RCM is an alternative asset manager that targets consistent long-term returns for our investors within a well-defined risk framework. RCM is predominantly active in global macro strategies and focusses on macro asset classes in developed and emerging markets. Technology and automation are a focus across the firm.

## Why work for us?

RCM's culture is underpinned by four core values: Trusted Talent, Challenge and Support, Collective Excellence, and Sustainable Success. In practice this means that every day is high energy and purposeful. Every element, of everything we do, is driven by the demand for excellence. We'll develop you by trusting you, giving you exacting standards, as well as access to the people and experiences that will help you succeed.

You will be given individual responsibility, however you will never be on your own; teamwork and collaboration are at the heart of what we do.

It may not be easy, but it is fulfilling. Even within a short space of time you will have achieved and grown more than you could have imagined.



Find out more at: <https://www.rokoscapital.com/home>

## Softwire

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Softwire makes innovative, high-quality software for a range of clients including the BBC and Google DeepMind. Our brilliant working environment, friendly attitude and flexible approach has put us in the top 25 of The Best Companies list ten years running.

We are looking for software developer grads and interns to join our team which is made up of all sorts of people who share a passion for problem solving and a willingness to work together and get things done. We're growing year on year and are looking for graduate software developers and interns who will grow with us, learning diverse technologies and pursuing the type of work they find most interesting.

At Softwire, we invest heavily in the personal development of our employees and have a strong focus on training and mentoring. As a new starter, you will be enrolled on our graduate scheme and receive two months of dedicated training in software development. We'll then start to introduce you to client projects but give you plenty of opportunity for on-project training and further general training sessions and personal development. We will teach you how to be a great developer and a valuable member of any team.

We offer a superb all-round package, including graduate starting salary of £42,000, plus profit share and an intern salary of £30,000 with other benefits for all employees alike.

Join us at the fair to hear more about career opportunities and speak directly to Softwire staff.

## Softwire

Find out more at: <http://www.softwire.com/>



## The Phoenix Partnership



TPP is a world-leader in Digital Health. From apps enabling patients to manage their own care to comprehensive hospital solutions, TPP delivers technology that connects everyone involved in healthcare delivery. For over twenty years, we have been applying the most advanced technology to provide a safe and secure environment to deliver care. Our aim is to improve access to healthcare data, making sure it is available whenever and wherever it is needed. We want to help people make the best use of that data, to empower clinicians and citizens, and to create the healthcare systems of the future. TPP has been consistently recognised as an outstanding graduate employer. Since 2017, we have consistently featured in The Job Crowds' "Top Company for Graduates to Work For", and were the overall winners for 2022 in addition to being awarded 'Best Salary' and 'Best Benefits'. We have also been named in the Times Top 100 Graduate Employers list every year since 2019.

We value natural ability, enthusiasm and the potential to learn over direct work experience. As well as a great job, we will provide you with an excellent starting salary, fantastic benefits, and outstanding annual pay reviews.

We have lots of fantastic benefits here at TPP. These include:

- Fantastic holiday entitlement
- Regular social events
- Opportunities to travel internationally
- Life insurance
- BUPA Health, Dental and Travel cover
- £300 birthday meal allowance
- Pub Fridays

We are hiring people from all degree disciplines for various roles, such as Software Developer, Graduate Analyst, Account Manager, etc; Full time, year placements and summer internship positions are available.



Find out more at: <https://tpp-careers.com/>

## THG

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We are THG, a world-leading vertically integrated, global e-commerce technology group and brand owner, powered by its proprietary technology platform, Ingenuity.

We own brands such as My Protein and Look Fantastic. Our platform THG Ingenuity also enables the digital growth of our third-party clients who benefit from the technology, infrastructure, and brand-building.

We have a range of graduate and placement roles available across different areas within technology. As well as our Accelerator Programme (targeted at postgraduate/ masters students) which is our own unique research, skills and development curriculum: [www.thgaccelerator.com/](http://www.thgaccelerator.com/).

Our graduates and interns join over 10,000 talented people across the globe who work together to power our impressive growth. We celebrate diversity and ambition, regardless of background, and give our people the freedom and support to reach their full potential. Our Early Careers development programme is designed to give talented people the opportunity to kickstart their career by joining a thriving global powerhouse.

# THG

Find out more at: <https://www.thg.com/>

# Vector GB Limited

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Vector is the leading manufacturer of software tools and components for the development of electronic systems and the related networks with a wide range of systems from CAN to Ethernet. Vector tools provide engineers and software developers with a decisive advantage in making a demanding and highly complex subject area as simple and manageable as possible.

## Industry

Automotive, commercial vehicle, aerospace, transport and control technology

## Locations (32 in 14 countries)

- In the UK: Birmingham (Head office), London
- Headquarters: Stuttgart, Germany

## Sales

- Worldwide: EUR 1.06 bn (2022)

## Employees

- Global total: Over 4,000 employees (2023)
- Percentage who graduated college: approx. 80% of employees

## Employees Sought in the Following Fields

Electrical engineering, (technical) computer programming, aerospace engineering, mathematics, and other technical fields of study.



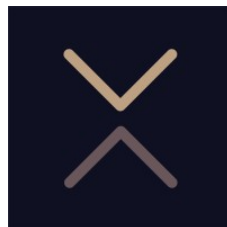
Find out more at: <https://jobs.vector.com/uk/?r=1>

## Xantium

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Xantium is the global quantitative investment team that will give you the freedom and tools to excel as you start your career. We are researchers and developers who combine intelligence and curiosity with powerful data and technology. Together we build models and design systems to solve complex trading problems. We encourage people to be themselves. If you have a different thought or see a better way, we want to hear it. It's never about who's the smartest. A diversity of views makes our ideas stronger. Fast personal growth happens in a supportive environment. We give you the space to explore and experiment, providing help from our experienced team and founders when needed. What could we achieve together? Let's find out.



Find out more at: <http://www.xantium.com/>



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