

QUANTITATIVE RESEARCHER

WorldQuant develops and deploys systematic financial strategies across a variety of asset classes and global markets. We seek to produce high-quality predictive signals (alphas) through our proprietary research platform to employ financial strategies focused on exploiting market inefficiencies. Our teams work collaboratively to drive the production of alphas and financial strategies – the foundation of a sustainable, global investment platform.

WorldQuant's success is built on a culture that pairs academic sensibility with accountability for results. Employees are encouraged to think openly about problems, balancing intellectualism and practicality. Great ideas come from anyone, anywhere. Employees are encouraged to challenge conventional thinking and possess a mindset of continuous improvement. That's a key ingredient in remaining a leader in any industry.

Our goal is to hire the best and the brightest. We value intellectual horsepower first and foremost, and people who demonstrate an exceptional talent. There is no roadmap to future success, so we need people who can help us create it. Our collective intelligence will drive us there.

THE ROLE: Research is at the core of WorldQuant. Through rigorous exploration and unconstrained thinking about how to apply data to the financial markets, our researchers are in constant search of new alphas. We strive to understand data in ways our competitors don't believe is possible. Researchers at WorldQuant employ tested processes seeking to identify high-quality predictive signals that we believe are undiscovered by the wider market. These signals are mathematical expressions of data that are used as inputs in our quantitative models.

WorldQuant is seeking an exceptional individual to join the firm as a Quantitative Researcher. The person must have a strong understanding of the investment research process to create computer-based models that seek to predict movements of global financial markets. While prior finance experience is not required, a successful candidate must possess a strong interest in learning about finance and global markets. Candidates will have a research scientist mind-set; be a self-starter, a creative and persevering problem solver who is motivated by unsolved challenges.

ITS IMPACT: As we pursue our goal of creating new alphas, we need researchers who will lead us there. WorldQuant's unique investment platform is a leader amongst its peers and the methodology we employ is cutting edge. We desire people who will help us in our relentless pursuit to succeed.

WHAT YOU'LL BRING:

- Degree (BEng, MSc and PhD) from a top university in a field, such as: Mathematics, Computer Science, Physics, Electrical engineering or equivalent
- High GPA and academic grades
- Research mentality: deep thinker, creative, strong work ethic, persevering, smart & a self-starter
- Programming skills – C++ and Python predominantly, but newer skills welcomed too
- Strong interest in learning about worldwide financial markets
- Strong communication skills in English – including both written and verbal

As a plus:

- While not required, a strong interest in financial markets will definitely be beneficial. Prior experience in quant research will count as a big plus
- Strong record of research achievement – examples include scientific publications, conference presentations, grants or industry awards

Position is based in our Taipei research office. Interested and qualified candidates please send **current CV and transcript** in ENGLISH and local language to WQTaiwanJobs@worldquant.com

DATA SCIENTIST

WorldQuant develops and deploys systematic financial strategies across a variety of asset classes and global markets. We seek to produce high-quality predictive signals (alphas) through our proprietary research platform to employ financial strategies focused on exploiting market inefficiencies. Our teams work collaboratively to drive the production of alphas and financial strategies – the foundation of a sustainable, global investment platform.

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THE ROLE: We are seeking an exceptionally talented data scientist with strong modeling and programming skills to join our team. In this role, you will work closely with data science team and technologists across the firm to develop appropriate features and metrics for data processing.

- Perform analysis and generate models of financial datasets using machine learning techniques
- Process, clean and verify the integrity of unstructured data and turn data into valuable insights
- Develop and create data that seek to predict the movement of financial market
- Transfer data into internal infrastructure applying variety of algorithmic techniques

WHAT YOU'LL BRING:

- Have a Master's degree or higher from a leading university in Computer Science, Electrical Engineering or other related areas
- Good academic record
- Familiar with modeling, data structures, algorithms and optimizations
- Strong knowledge of machine/deep learning algorithms
- Proficient in programming languages of both C++ and Python
- Possess good communication and presentation skills in English
- Ability to work independently and as member of a team
- Research scientist mindset: deep thinker, creative, strong work ethic, persevering, smart & a self-starter
- Detail oriented and capable of multitasking and delivering in fast-paced work environment

As a plus:

- While not mandatory, a strong interest in financial markets will definitely be beneficial
- Participant of ACM-ICPC
- Strong record of research achievement – examples include scientific publications, conference presentations, grants or industry awards

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QUANTITATIVE RESEARCH INTERN (SUMMER)

WorldQuant develops and deploys systematic financial strategies across a broad range of asset classes and global markets. We seek to produce high-quality predictive signals (alphas) through our proprietary research platform to employ financial strategies focused on exploiting market inefficiencies. Our teams work collaboratively to drive the production of alphas and financial strategies – the foundation of a balanced, global investment platform.

WorldQuant's success is built on a culture that pairs academic sensibility with accountability for results. Employees are encouraged to think openly about problems, balancing intellectualism and practicality. Excellent ideas come from anyone, anywhere. Employees are encouraged to challenge conventional thinking and possess an attitude of continuous improvement. That's a key ingredient in remaining a leader in any industry.

Our goal is to hire the best and the brightest. We value intellectual horsepower first and foremost, and people who demonstrate an outstanding talent. There is no roadmap to future success, so we need people who can help us build it. Our collective intelligence will drive us there.

THE ROLE: We are seeking individuals who are studying or have studied electrical engineering, computer science, financial engineering mathematics, physics, economics or any other related majors for a quantitative research intern position. Our highly accomplished senior staff will provide the new hires with mentoring and guidance to help them succeed.

- Analyze various types of financial market data
- Create alphas
- Review and experiment ideas from financial readings and literature
- Perform other tasks that may be assigned by advisors

WHAT YOU'LL BRING:

- Hold or working toward a Bachelor's degree or an advanced degree from a top university in a highly analytical field, such as Electrical Engineering, Computer Science, Mathematics, Physics, Financial Engineering, or any other related field that is highly analytical and quantitative
- Anticipated graduation date between 2022 - 2023
- High GPA and academic grades for Bachelor's degree
- Familiar a programming language (Python or C++)
- Possess good communication skills in English
- Strong interest in learning financial markets will definitely be beneficial
- Internship is open to students who are eligible to work in Taiwan
- Internship period: summer internship between June to July 2022 or August to September 2022

WHAT WE OFFER:

- Guidance from experienced researchers during the internship
- Potential to be considered for a full time position
- Opportunity to learn from investment experts
- Competitive financial compensation
- Friendly and collegial working environment
- Culture of continuous learning
- Fruits and snacks in the office

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