WE
ARE
WORLDQUANT
.COM

Quantitative Developer - Armenia

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.

Technologists at WorldQuant research, design, code, test and deploy projects while working collaboratively with researchers and portfolio managers. Our environment is relaxed yet intellectually driven. Our teams are lean and agile, which means rapid prototyping of products with immediate user feedback. We seek people who think in code, aspire to tackle undiscovered computer science challenges and are motivated by being around like-minded people. In fact, of the 600 employees globally, approximately 500 of them code every day.

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: WorldQuant is seeking an exceptional individual to join the firm as a Quantitative Developer. While prior finance experience is not required, a successful candidate must possess a strong interest in learning about finance and global markets. Quant Developers will design, code and implement proprietary systems and tools to drive our forecast business. You will collaborate with researchers and PM's to gather, analyse and spec out requirements, develop/test code, and manage product deliverables. A successful candidate will help build the software that will be used by Portfolio Managers to construct portfolios.

What You'll Bring:

- B.Sc./M.Sc./Ph.D. from a leading university in a Computer Science, Engineering, or related discipline
- Experience and in depth knowledge of Equities is highly preferred
- Graduated at the top of your program, with excellent problem solving abilities, insight, and judgment as well as a strong attention to detail
- Expert-level knowledge of algorithms, design patterns, OOP, threading, multiprocessing, etc
- Demonstrated ability to program in a scientific computing environment, preferably in Python/Numpy and C++
- Working understanding of basic probability, statistical inference, software solvers, mathematical optimization
- Strong communication skills; ability to express complex concepts in simple terms

What we offer:

- Multifaceted work without routine in a leading international company;
- Competitive compensation package, which may include annual bonuses and annual salary increases;
- Healthy work-life balance support (flexible start of working day, parental leave, sabbatical after 5 years of service etc);
- Possibility for business trips (US and other countries);
- Regular team building, competitions and corporate events;
- Monthly team lunches;

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- Social package:
  - Medical insurance;
  - Life insurance;
  - Support program for employees and their relatives on psychological, legal, and financial issues;
  - Parental leave program up to 3 weeks for secondary care givers (fathers) with 100% pay;
- Culture of continuous learning: certification, online and offline training in Armenia and abroad, English classes, mentoring in professional development;
- Relocation package.

Stages of our recruitment process:

- CV review;
- Technical test if applicable
- 3-4 technical interviews (in case of successfully completed tests);
- Interview with the hiring manager & WorldQuant General Manager (in case of successfully completed previous stage interviews);
- Decision.

Position based in Armenia.

Interested and qualified candidates please send resumes to HR-Confidential@WorldQuant.RU