

C++ Software Engineer - 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: We are seeking a highly-qualified Software Engineer to work in our Front Office Technology team. This team is responsible for building both the large-scale quantitative-research platforms that drive WorldQuant's operations and for building the execution systems that execute WorldQuant's trading in global financial markets. The team is currently embarking on a multi-year journey to provide a powerful, scalable, and efficient platform to drive the firm's next decade of growth. We are looking for someone who can own some of the unique technical challenges inherent in the problem and who can bring solid experience and perspective to the team.

What You'll Do: **A successful candidate will possess:**

- Experience developing large-scale distributed systems, data science platforms, or trading systems.
- Strong understanding of data structures and algorithms
- A minimum of 5 years writing production-quality code, preferably in C++
- Able to work independently with minimal direction.

An outstanding candidate will also have experience with one or more of:

- Streaming / graph based dataflow systems
- Compiler or DSL experience; programming language theory
- Query planning / optimization
- Experience working with market and financial data
- Python development experience is also a plus
- Strong quantitative skills
- Candidates need not have prior experience in financial services

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What You'll Bring:

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);
- Regular team buildings and corporate events;
- Monthly team lunches;
- 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