

# Site Reliability 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 an engineer to ensure the reliability and performance of World Quant's Data Platform. Successful candidates will work with researchers, operations and other technology teams to establish the smooth functioning of our production data pipeline sourced from an enormous and continuously updating catalog of vendor and market data. This engineer will also develop solutions to improve the efficiency and scalability of our ever growing business-critical management system.

- Provide solutions for live monitoring of the production data pipeline
- Design and implement continuous integration and test automation
- Deliver release management solutions
- Collaborate with engineering and research teams to ensure the reliability and operability of new data pipeline components
- Analyze and diagnose platform performance and reliability problems
- Understand, manage, and utilize the right technologies for building our platform such as Kubernetes, Kafka, and Spark

- What You'll Bring:**
- Bachelor's degree in Computer Science or equivalent experience
  - Strong knowledge of computer science fundamentals (algorithms and data structures), relational databases and modern service architectures
  - Excellent analytical skills and a passion for solving problems
  - Experience in Linux administration; fluent in Linux standard command line programs
  - Fluency in Python and its ecosystem (numpy, pandas, etc.) is strongly recommended; C++ and Golang are also relevant.
  - Experience in metrics and logs aggregation and analysis with a focus on performance optimization
  - Understanding of Git and CI/CD concept
  - A great support attitude (our job is to make life easier for other teams!)
  - Strong written and verbal communication skills; Fluency in the English language

*(continued)*

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## What You'll Bring: *(continued)*

- Experience in the following technologies is relevant:
  - Docker, Kubernetes, Helm
  - GCP, AWS
  - Hadoop, Apache Arrow, Apache Airflow
  - Kafka, Spark and Pyspark
  - Redis, MySQL
  - gRPC

## 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;
- 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](mailto:HR-Confidential@WorldQuant.RU)