

Data Engineer

Hours: 100%

Duration: permanent, starting immediately

Location: swissQuant Group AG, Kuttelgasse 7, CH-8001 Zurich, Switzerland

swissQuant Group provides quantitative services, consultancy and products for financial and industrial clients, including a number of global Fortune 500 companies. Our business edge originates from the effective translation of Intelligent Technology into measurable, bottom-line client value. swissQuant Group is a privately held company incorporated in 2005 as a spin-off of ETH Zürich.

Position

To strengthen our team of 5 we are currently seeking a well-rounded **Data Engineer** who can contribute to all aspects of our growth: Quant Excellence, People Leadership, Project Management.

Scope

You will be expected to lead projects in research, development, and delivery of machine learning algorithms and production-ready applications such as banking product recommender systems, payment fraud detection, and quantitative decision-support tools and services.

Typical projects include the full data science lifecycle, including data extraction from transactional sources and transformation for analytical purpose. You will provide hands-on leadership to projects working with large datasets and extensive timeseries such as financial market data, transactions data and client interaction profiles, employing various statistical and numerical methods to analyse both structured and unstructured data to develop predictive models.

As our technology is generally delivered as packaged software or as a service in the cloud, it is important that you are experienced in and can lead others hands-on to perform the software development life-cycle professionally and efficiently.

Assistance in the marketing of our offerings and taking a leading role in consulting to clients is also a part of the job description. You are therefore expected to possess strong communication skills in addition to excellent technical capabilities.



Requirements

To be a successful candidate, you must fulfil the following requirements:

- ◆ University degree in computer science, math, physics, engineering or comparable numerical fields
 - ◆ Passion for applying technology to solve business problems
 - ◆ Experienced in the financial services industry in either a quantitative role, technology role or business analyst role
 - ◆ Experience in project leadership & coordination, client communication (including senior management levels), and successful project delivery
 - ◆ Experience in developing production-ready machine learning applications and setting up data science pipelines
 - ◆ Knowledge of multiple programming languages is beneficial (Python, R, Matlab)
 - ◆ Substantial experience in applying modern big data and data science tools such as pandas, NumPy, scikit-learn, TensorFlow and Apache Spark
 - ◆ Knowledge of datastores (SQL or NoSQL)
 - ◆ Strong communication skills in English and the ability to make coherent technical arguments; working proficiency in German is a must
 - ◆ Eligible to live and work in Switzerland
-

Application

swissQuant Group is a fast paced and dynamic company. We offer room for growth and a high level of personal responsibility in a challenging environment. As a successful candidate, you will join a project team and take an active part in the development of new software products linked to real client needs and future industry standards.

Interested? Please register and upload your cover letter and CV/Recommendations in PDF format via www.swissquant.com

