

Position: Python Developer
Legal Entity: MarketVector Indexes
Location: Frankfurt am Main, Germany
Reporting to: Manager, ETL/SQL Development

Summary: MarketVector Indexes GmbH, the international index company of VanEck headquartered in Frankfurt am Main, is currently looking for a Python Developer to join their team. The position requires excellent understanding and experience working with market data. The role requires writing technical and design specifications. The project team will include both on-shore and off-shore developers, so the role requires experience working with a remote team. The individual must be familiar with industry standard development methodologies and best practices to ensure the team's work is compliant with risk management guidelines.

Essential Duties and Responsibilities:

Includes the following, other duties may be assigned as needed:

- Create applications in Python (incl. UI),
- Define and document application architecture, data flows, object models and database design,
- Write technical design and specification documents,
- Quality assurance,
- Assist in engineering of the data acquisition architecture of an enterprise security reference master to support an increased volume of securities and more straight-through processing.

This position entails:

- 60% new coding/systems integration,
- 30% code and content maintenance,
- 10% requirements gathering, design/architecture, documentation and project implementation schedules.

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.

Qualifications

- Hands-on experience with architecting, implementing, and tuning various applications using Python required.
- Strong experience with SQL relational databases.
- Solid previous experience of working with large data sets.
- Experience with Version Control Systems (e.g. Git)

- Experience working with large data sets and knowledge in data analysis packages (NumPy, pandas, SciPy, Matplotlib, etc.)
- Experience working with Python's web frameworks like Django and flask.
- Experience in data scraping using Python libraries (Selenium, BeautifulSoup, etc.)
- Experience with REST API development and Test-Driven Development.
- Basic knowledge in financial markets and statistical analysis.
- Experience working with Bash and Shell scripting.
- Frontend experience a plus.
- Experience in R and MATLAB, Scripting (C#), SQL coding and tuning are a plus.
- Strong verbal and written communications skills.
- Passionate about technology and how it evolves.
- Passionate about what you do, detail-orientated, always striving for excellence and proactively seeking for areas to improve.

Education and/or Experience

- Degree in Computer Science/Software Engineering or respective technical training.
- Proven track record of 1 year of experience in programming within the financial industry.
- Any educational background related to Finance or Economics is a plus.

MarketVector Indexes GmbH – A VanEck Company

MarketVector Indexes develops, monitors and markets the MarketVector Indexes, a focused selection of pure-play and investable indexes designed to underlie financial products. They cover several asset classes including hard assets and international equity markets as well as fixed income markets.

MarketVector Indexes is the index business of VanEck, a US-based investment management firm and provider of the VanEck Vectors ETFs. Approximately USD 28 billion in assets under management are currently invested in financial products based on MarketVector Indexes. Many of those products are the largest in their investment category. MarketVector Indexes also develops and maintains customized indexes for third parties that aim to track specific investment themes.