About the job

Python Software Engineer Intern

GoQuant Technologies Inc.

About Us

GoQuant Technologies develops innovative solutions that enhance profitability and ease of use for digital asset traders and researchers. Our key products include GoMarket, a subscription-based service delivering low-latency digital asset data, and GoTrade, a comprehensive trading platform. Our tech stack primarily involves C++ and Python, alongside modern frameworks like NextJS.

Internship Overview

We are seeking a C++/Python Software Engineer Intern to assist in the development and optimization of our GoTradeplatform. This is a paid internship that provides hands-on experience in high-performance financial applications, real-time data processing, and software development. The intern will work closely with experienced engineers and contribute to real-world projects. The position reports directly to the Head of Engineering and is based in the United States (remote applicants will also be considered).

Responsibilities

Develop and optimize the GoTrade solution using C++ and Python (Django).

Assist in the implementation and improvement of our service architecture, including real-time data processing, visualization, and trading algorithms.

Collaborate with team members across different technologies and frameworks to integrate front-end and back-end components.

Support testing, debugging, and performance enhancements.

Qualifications

Proficiency in C++ and Python with an interest in high-performance application development.

Familiarity with front-end technologies such as HTML, JavaScript, CSS.

Knowledge of database systems (preferably Postgres) and real-time application technologies (WebSocket, Redis, ZMQ).

Interest in cloud computing solutions (AWS, Azure) and containerization technologies (Docker, Kubernetes) is a plus.

Internship Benefits

Paid internship with hands-on experience in financial technology.

Opportunity to work on real-world trading and data processing applications.

Mentorship and guidance from experienced software engineers.

Potential for a full-time opportunity based on performance.

How to Apply

Please apply through the platform where this job posting is found, on LinkedIn. Applications will be acknowledged within 48 hours, and candidates moving to the interview stage will be notified within 7 days.

Equal Opportunity Employer

GoQuant Technologies is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.