Software Engineer / Python developer

CryptoKaizen develops machine learning models for crypto-currency markets to predict price movements and perform risk analysis. It is based in the USA with offices in Europe.

CK is searching for 2 software engineers.

The ideal applicant:
- Is proficient in working and debugging a large codebase in Python
- Has strong analytical and reasoning skills (Master or PhD degree is welcome)
- Is knowledgeable about algorithms and data structures
- Is familiar with Pragmatic programmer, Code complete and agrees with Joel coding suggestions
- Is fluent in English (communication among the team members are exclusively in English)
- Contribution to projects on GitHub / GitHub is a plus
- Knowledge of finance/economy is a plus
- Competitive programming (e.g., IOI, Topcoder, HackerRank) is a plus

Technology stack:
- Python 3.6+
- PostgreSQL, MongoDB, Airflow, Docker, Ansible
- AWS
- Bash, Linux

Examples of day-to-day tasks:
- Write code to connect to a provider Rest API, transform data, write into MongoDB ● Write a python script to iterate over time-series data stored in MongoDB and compute stats (e.g., min/max timestamp)
- Write a python script to export data from CSV into Google Sheets and vice versa, dealing with Google OAuth
- Write code to scrape a data provider like https://comtrade.un.org/ with Scrapy ● Implement an Instrument Master mapping metadata for financial data onto time-series data
- Implement a Rest API using OpenAPI / Swagger

Perks:
- Full-time position
- Competitive compensation
- Work with world-class researchers
- Spend time learning new technologies and improving the craft of coding
- Build beautiful software products
- Fully remote

Interviewing process:
- Introductory interview

- Take-home exam with a sample problem (or GitHub project portfolio)
- Interview with Tech manager in English
- Offer discussion

If interested, please send a CV to saggese@gmail.com