Tomasz Sok

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About

I most enjoy working with C++, trading systems and cryptocurrencies. At work, I look forward to making decisions that provide the most value for my team, customer and business. On a team, I value and encourage empowerment and collaboration.

The most recent project I've contributed to was developing the LXDX exchange, the first market for warrants on cryptocurrencies. If you've used the platform at all then you've interacted with code I've written. Once acquired, the LXDX team became responsible for managing reserves at Uphold and I moved to working on automated hedging systems for both cryptocurrencies and US equities.

Experience

LXDX / Uphold Software Engineer
September 2018 - Present

- Implemented and tested strategy code.

- Developed order management / routing library used by all strategies.

- Developed strategy bootstrapping logic to make restarting strategies safe, quick and reliable.

- Developed clearing strategy and tools to help developers debug and test exchange and infrastructure integrations.

- Modeled and developed database to store trade history for regulation and analysis.

- Integrated market events into strategies to adjust pricing of instruments.

- Developed exchange and market data gateways for both the LXDX exchange architecture and 3rd party exchange integrations.

- Developed securities master database and libraries to access metadata matching tables.

- Created analysis tool to determine quality of executions across assets belonging to hedgers giving us a better idea of legs the strategies are building allowing us to dial in configurations.

Raise Software Engineer
November 2016 - August 2018

- Conceived and developed services.

- Decomposed sub-domains of the legacy application into services.

- Developed new payment platform and updated payment integrations.

- Integrated with gift card processors such as Givex and Vantiv to achieve more available inventory and lower acquisition cost.

- Developed an event sourcing system to track financial history when communicating with third party gift card processors.

- Developed a backend API for external customers.

Skills

Languages		C++ Frameworks
C++	PostgreSQL	Boost (asio, net, etc.)
Go	MySQL	Catch & gtest testsuites
Python		MySQL connector
Ruby		