

Sean Valeo
Software Engineer
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Core Skills

C, C++, Go
Object Oriented Programming
Data Structures & Algorithms
Trading
Blockchain

Employment History

Energi Core Lead Software Engineer 3/2020 – Present	Develop a cryptocurrency exchange backend with Websocket and REST connectivity. Energi Blockchain (Ethereum fork) maintenance and feature additions. Go NATS Gorm Websockets REST Postgres Make Docker Git Linux Solidity Ethereum
Halo Platform Lead Software Engineer 11/2017 – 10/2019	Develop a cryptocurrency exchange backend with FIX connectivity, supporting cash and margin trading. C++ C gcc gdb Boost epoll openssl libmysql Websockets FIX Make Docker Git Linux
Oak Capital Head of Risk 1/2013 – 4/2016	Manage company risk by calculating and tracking metrics such as VaR, haircut, net liq, margin, sharpe ratio, delta, and optimizing for performance. Python pip math numpy matplotlib mysql
Praetor Capital Quantitative Analyst 1/2011 – 1/2013	Use live and historical market data to identify market opportunities through technical analysis, sentiment analysis, supply/demand data, forward curves and order flow. Python pip math numpy matplotlib mysql
Xconnect Trading Trader Support 1/2009 – 1/2011	Provide market access and risk management support for traders.

Projects

C by Example Owner 10/2019 – Present	Open source reference-style language manual for C and C++. www.cbyexample.com C++ C
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