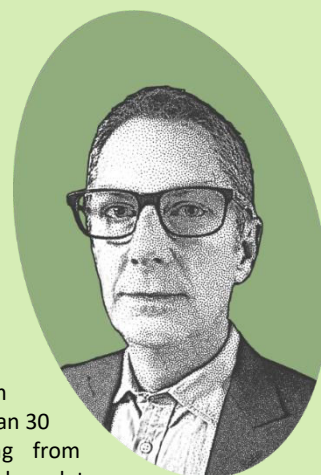




- :: TRADING, PORTF. MANAGEMENT
- :: TECHNOLOGY
- :: EQUITIES
- :: DIGITAL ASSETS
- :: EXCHANGES, MARKETS, LISTING

# Spencer G.

Mr. G. brings a wealth of financial expertise coupled with 30+ years of commercial software experience. His deep knowledge of trading, exchanges, investment, and commercial banks has directly benefited many of the world's top financial institutions. An early proponent of crypto, he is frequently called upon to discuss not only technology and architecture but also the business, regulatory, and sovereignty issues that face modern financial markets.



He has managed the development of NASDAQ Europe, multiple derivative execution venues and various program and algorithmic trading systems. He has advised more than 30 of the largest global exchanges on issues ranging from technology's role in market microstructure to business and regulatory trends. He has worked extensively on-site with global liquidity venues and market makers on optimizing their next-generation enterprise architectures, from latency reduction to increased cyber security.

Spencer G. currently runs Joompi Capital Management, a family office / hedge fund dedicated to automated trading strategies. An avid C++ developer, Spencer G. designed and implemented an algorithm based on a modified GARCH process with custom liquidity calculations (using depth, immediacy, resiliency, transparency, priceability, and fungibility).

## Industry experience

- JOOMPI CAPITAL MANAGEMENT** 2021–Present  
Chief Executive Officer, Chief Technology Officer
- MARKER TRAX, LLC** 2020–2021  
Chief Technology Officer
- JOOMPI CAPITAL MANAGEMENT** 2015–2020  
Chief Executive Officer, Chief Technology Officer
- TIBCO SOFTWARE, INC** 2004–2015  
Chief Technology Officer, General Manager Global Financial Services
- JOOMPI CAPITAL MANAGEMENT** 2001–2004  
Founder, Chief Executive Officer, Chief Technology Officer
- REUTERS PLC, TIBCO FINANCE TECHNOLOGY INC** 1998–2001  
Senior Director Business Development, DAE
- COLUMBINE JDS SYSTEMS, INC** 1995–1998  
General Manager BMP DIVISION, Sr. Director Product Development
- BROADCAST MANAGEMENT PLUS** 1993–1995  
Director of Development, Board Member
- US WEST INC** 1995–1998  
Development Manager, Broadcast Management Plus Division
- KOEI CORPORATION** 1989–1990  
Senior Software Engineer
- NOVASOFT** 1989–1990  
Solutions Consultant

## Education

- UC Berkeley Extension, Belmont, CA**  
Japanese
- Foothill College, Los Altos Hills, CA**  
Mandarin Chinese, Japanese
- San Mateo City College, San Mateo, CA**  
Japanese
- California State University Sacramento, CA**  
Computer Science.

## Areas of expertise

### Exchanges/Liquidity Venues:

- + System Architecture, Low-Latency, Network Design,
- + Fault Tolerance, Disaster Recovery, Market Data Distribution,
- + Pricing Algorithms, Clearing and Settlement,
- + Market Risk/Surveillance, Margin Calculations.

### Distribution Systems / Architecture:

- + Exchanges, Trading Systems, Proprietary Trading,
- + Feed Handlers, order routing
- + Trading/matching engines, market making, cloud/hybrid infrastructure.

### Crypto Trading:

- + System architecture, blockchain technology, smart contracts
- + Tokenization, DeFi protocols, decentralized and distributed ledgers
- + Enterprise business processes, cryptocurrency wallets

### Keywords:

C++, algorithmic trading, architecture, automated trading strategies, blockchain, business, commercial banking, commercial software, crypto, cryptocurrencies, cybersecurity, derivative execution, exchanges, financial expertise, GARCH process, global exchanges, hedge funds, high frequency trading (HFT), investment, latency reduction, liquidity venues, market making, market microstructure, NASDAQ Europe, regulatory, sovereignty, technology, trader, trading.

[ NOT RETAINED ]