

DAVID MA

Contact information provided upon request

ABOUT ME

Legal Status Canadian-born Citizen, U.S. Green Card

Online presence Twitter ([madavidj](#)) — Github ([djma](#)) — LinkedIn ([madavidj](#))

EMPLOYMENT

Appfolio, Inc.

Lisa Research and Development, Director

Venice, CA (2019–2021)

- Scaled up the Lisa product to handle 10x the inbound volume.
- Incorporated the latest advances in NLP (BERT and dialogue systems)
- Responsible for dialogue software architecture, ML infrastructure, ML product, integrations, and software for Lisa operations staffing
- Managed engineers ranging from junior to staff level

Dynasty.com (Lisa)

Machine Learning and Product Engineering, Partner

Venice, CA (2017–2021)

- Built a conversational AI system (Lisa) for real estate leasing agents. Patent pending [US20200043087A1](#)
- Reached product-market fit with \$2 million ARR, and acquired for \$60 million by Appfolio in 2019

Two Sigma Investments, LLC

Quantitative Research, Vice President

New York City, NY (2016–2017)

Quantitative Research

New York City, NY (2012–2015)

- Researched equity alpha models with full stack ownership: idea generation, data acquisition and vetting, statistical modeling, data infrastructure, production trading, monitoring and risk management with portfolio level considerations. Research topic areas include corporate actions, SEC filings, and technical indicators.
- Generated a few hundred million in PnL. Responsible for billions in positional risk.
- Managed two junior hires and one intern.

INVESTMENTS AND TRADING

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|--|-----------|
| - Early seed investments ranging from cryptocurrency market making to rocket launching | 2019- |
| - Ran on-chain decentralized finance arbitrage and liquidity provision strategies | 2019- |
| - Ran cross-exchange arbitrage trading strategies | 2013-2017 |
| - Early investor and adoptor of Bitcoin and Ethereum | 2013-2014 |

EDUCATION

University of Waterloo

Bachelor of Mathematics, summa cum laude

Waterloo, ON (2008–2012)

- NSERC Alexander Graham Bell Master's Canada Graduate Scholarship (declined), Ontario Graduate Scholarship (declined), University of Waterloo President's Graduate Scholarship (declined)
- President's Scholarship, Rene Descartes Scholarship
- Top 10% in the William Lowell Putnam Competition 2008
- [Rotman International Trading Competition 2012](#) — Led the 2012 University of Waterloo undergraduate team to finish 5th out of 50 international teams.