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About

- Seasoned quant researcher with peer-reviewed publications in the areas of:
  - portfolio optimization techniques, behavioral finance, machine learning for investing.
- Entrepreneurial, client-facing, leader; founded two companies, many academic initiatives.
  - Involved in all aspects of business: sales, consulting, recruiting, and research.
- Tenured finance prof; taught math at MIT, economics at UC, Berkeley, and more.
  - Courses incl.: Investing, Derivatives, Quant Methods, Macroecon, Risk Mgmt., Calculus.

Skills

Julia, R, Python, Factset, Matlab, C, Java, MySQL, Fortran, Stata, VBA, many more

Experience

Quantitative Researcher, Vice President — June 2023 to Present
iCapital Network, New York City, NY
- Research into alternative investments for a **Goldman Sachs** spinoff.
- iCapital is a marketplace for alternatives directed towards RIAs and advisors.
- Portfolio construction, factor decomposition, and more, using Bayesian techniques.

Quantitative Researcher — August 2022 to May 2023
American Century Investment Management, New York City, NY
- Quantamental research for $5b AUM fundamental and $7b AUM systematic funds.
- Alpha research via value, momentum, quality, growth, and other factors.
- Responsible for portfolio construction, risk management using Barra models.

Principal — September 2014 to July 2022
Gaji Analytics Consulting, LLC, Remote
- ESG factor search for Aperio Research (acquired by **Blackrock** in 2020).
- Modeling and machine learning for alternative data provider startup **brightquery.com**.
- Bayesian inference using Black-Litterman for hedge fund **Lumen Advisors**.
- Returns-based style analysis (RBSA) algorithm for confidential **roboadviser startup**.
- Comment scoring algorithm for **projectmanagement.com**.
- **Cofounded** FP&A platform; involved in sales, **profitmodeler.com**.

Lecturer in Mathematics — July 2020 to June 2022
Massachusetts Institute of Technology, Cambridge, MA

Digital Learning Fellow in Finance — July 2019 to June 2020
MIT Sloan, Massachusetts Institute of Technology, Cambridge, MA

Lecturer in Strategic Finance — January 2019 to December 2021
Minerva University, San Francisco, CA

Associate Professor of Finance (**tenured** in 2015) — July 2009 to June 2019
Graduate Business School, **Saint Mary's College of California**, Moraga, CA
- ***Director*** of MS in Finance; ***Founding Director*** of FinTech Certificate program.

Visiting Assistant Professor of Economics — Autumn 2010
Haas School of Business, University of California, Berkeley, CA

Economist (Senior Consultant) — September 2008 to May 2009
Deloitte Tax, San Francisco, CA

Select Media Interviews

KGO Radio Causes of volatility in US Markets in August 2015.
Money's Edge Ripple versus Bitcoin and bank adoption.
Christian Science Monitor IRS Ruling of bitcoin as property.
CBS News Mt.Gox collapse and future of bitcoin.

Books

Sheth, Arnav, *Optimal Operating Strategies Under Stochastic Cash Flows.* Lambert Academic Publishing GmbH & Co. KG, 2011.

Select Peer-Reviewed Publications

Lam, Nancy L., and Sheth, Arnav. (2020), Too Much of a Good Thing: The Tipping Point of Employee Voice. *Journal of Economics and Business.*

A. Sheth and K. Teeple (2019). Connecting equity and foreign exchange markets through the WM "Fix": a trading strategy. *The Journal of Investment Strategies.*

A. Sheth (2017). The Carrot: Executive Compensation, Risk-Taking and Innovation. *Advances in Quantitative Analysis of Finance and Accounting.*

J. Kale, and A. Sheth (2016). Power-Log Portfolio Optimization for Managing Downside Risk. *International Review of Business Research Papers.*

J. Kale and A. Sheth (2016). Power-Log Optimization and Positively Skewed Option Returns Raise Portfolio Performance and Reduce Risk. *Journal of Investing.*

J. Kale and A. Sheth (2015). Downside Loss Aversion and Portfolio Growth. *Journal of Finance and Bank Management.*

A. Sheth. (2012). Hiring, Firing and Infighting: A Tale of Two Companies. *Computational Economics.*

A. Sheth, L. Shepp, and O. Palmon. (2011). Risk-taking, Financial Distress and Innovation. *Academy of Business Journal: Special Issue on the Global Debt Crisis.*

Select Presentations

Panel Discussion on Generative AI. CxO Conference. NYC, May 2024.

GenAI: Issues and Ethics. AdvisoryCloud Finance Board. Online, May 2024.

Artificial Intelligence: What's the Story? Indian School of Management and Entrepreneurship. Mumbai, India. April 2018.

Leveraging Herd Behavior in Foreign Exchange Markets. Consortium for Data Analytics in Risk. Berkeley, CA. January 2017.

Power-Log Portfolio Optimization for Maximizing Portfolio Growth and Controlling Tail Risk. INFORMS Minneapolis, MN. October 2013.

The carrot: Rewarding Bad Managers. Western Economic Association (WEA). San Francisco, CA. June 2012.

Capturing the Chaos: Measuring Market Volatility. Pillai Institute of Management Studies. Mumbai, India. June 2011.

Education

Ph.D., M.B.A, Quantitative Finance — 2007
Rutgers Business School, Newark and New Brunswick, New Jersey

M.A., Economics — 2004
Rutgers University, New Brunswick, New Jersey

B.A., Economics-Mathematics and Philosophy — 2000
Lawrence University, Appleton, Wisconsin