Shengyu Huang

https://henryhuang1996.github.io/Shengyu-Huang.github.io/

CONTACT INFORMATION	Email:	shuang52@stevens.edu
	Mobile Phone:	(626) 360-5957
	Address:	525 River St, Babbio Center
		Hoboken, NJ, 07030

RESEARCH AREA   Fintech, Risk Management, and Financial Institutions

TOOLS/SKILLS   Machine and Deep Learning, Explainable AI, Predictive Analytics, and Forecasting

EDUCATION

School of Business, Stevens Institute of Technology

Ph.D. Candidate in Financial Engineering, Expected May 2026
- GPA: 4.0/4.0
- Advisor: Dr. Majeed Simaan

Tandon School of Engineering, New York University

M.S. in Financial Engineering, May 2021
- GPA: 4.0/4.0

Viterbi School of Engineering, University of Southern California

B.S. in Industrial and Systems Engineering, Minor in Business Finance, May 2019
- GPA: 3.9/4.0

WORKING PAPERS

Shengyu Huang, Majeed Simaan, & Yi Tang. ***Measuring Bank Complexity Using XAI***

- Available on SSRN.
- Presented at 2024 Global Graduate Student Summer Forum at Central University of Finance and Economics, 2025 Applied FMA Conference, 2025 International Conference of the Financial Engineering and Banking Society, 2025 EFMA Annual Meeting, 2025 FMA Annual Meeting (Scheduled)

Stefano Bonini, **Shengyu Huang**, & Majeed Simaan. ***Watching the FedWatch***
- Available on SSRN.
- Presented at 2025 FMA European Conference, 2025 EFMA Annual Meeting, 2025 FMA Annual Meeting (Scheduled)

WORK IN PROGRESS

Shengyu Huang. ***Beyond the Ellipse: The Virtue of Nonlinearity in Asset Pricing***

AWARDS AND GRANTS

2021–2024	**Provost Doctoral Fellowship**
	School of Business, Stevens Institute of Technology.
2019- 2021	**Merit-Based Scholarship** (Worth $8,000 Yearly)
	Tandon School of Engineering, New York University.
2015-2019	**Dean's List**
	Viterbi School of Engineering, University of Southern California.

COURSE INSTRUCTION	**Stevens Institute of Technology**

FE 520: Introduction to Python for Financial Applications
- Semester: Spring 2024 - Present

FE 513: Financial Lab: Database Design
- Semester: Fall 2024

TEACHING ASSISTANCE	**Stevens Institute of Technology**

FE 680: Advanced Derivatives (Fall 2021)
FE 610: Stochastic Calculus for Financial Engineers (Spring 2022)
FE 535: Introduction to Financial Risk Management (Fall 2022, Spring 2023, Fall 2023)
FE 570: Market Microstructure and Trading Strategies (Fall 2022, Spring 2023, Fall 2023, Spring 2024)

New York University

FIN 2203: Corporate Finance (Fall 2019)
FRE 6073: Introduction to Derivative Securities (Spring 2020, Fall 2020, Spring 2021)

PROFESSIONAL SERVICE	**Ad-Hoc Referee**

2023	Computational Economics (ISSN: 1572-9974)
2025	European Financial Management (ISSN: 1354-7798)

Conference Disscussant

2025	FMA European Conference

Membership

American Finance Association (AFA)
Financial Management Association (FMA)

RELEVANT SKILLS	Programming: Proficient in Python, R; familiar with MATLAB, MySQL
	Software: LaTeX, Bloomberg Terminal, Tableau, Stata, SAP

REFERENCES	**Majeed Simaan**	**Anand Goel**
	Assistant Professor	Associate Professor
	School of Business	School of Business
	Stevens Institute of Technology	Stevens Institute of Technology
	msimaan@stevens.edu	agoel2@stevens.edu
	Yi Tang	**Zachary Feinstein**
	Professor	Assistant Professor
	Gabelli School of Business	School of Business
	Fordham University	Stevens Institute of Technology
	ytang@fordham.edu	zfeinste@stevens.edu