Nicholas Wong

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EDUCATION

Massachusetts Institute of Technology	2026 **MFin**, Master of Finance GPA: 4.6/5.0
UNC Chapel Hill	2024 **B.S.**, Computer Science; **B.S.**, Economics; **Minor**, Statistics and Analytics GPA: 3.95/4.0; Graduated with Highest Distinction (summa cum laude equivalent)
Stanford University	2026–28 Visiting Research Fellow (Non-Degree)
Harvard University	2024 Cross-Registration (Non-Degree) GPA: 4.0/4.0

Selected Coursework: Real Analysis; Probability Theory; Linear Algebra; Optimization; Advanced Econometrics; Time Series Analysis; Machine Learning; Deep Learning; Advanced Financial Mathematics; Fixed Income & Derivatives; Options & Futures

RESEARCH EXPERIENCE

My research interests lie broadly within economics and computation. Currently, my interests include algorithmic economics, empirical finance, computational methods, and asset pricing.

Stanford University
Graduate School of Business
(Palo Alto, CA, USA)

2026

Incoming Research Fellow
Supervisor: Dr. T. de Silva

Massachusetts Institute of Technology
Sloan School of Management
(Cambridge, MA, USA)

2026

Graduate Research Assistant
Supervisor: Dr. H. Zhu

Verition Fund Management
Fixed Income & Macro
(New York, NY, USA)

2025

Macro Research Intern
Supervisor: Nisarg Kamdar
Macroeconomic Forecasting

MIT–Panagora Asset Management
Sloan School of Management
(Cambridge, MA, USA)

2025 **Research Associate (Joint Finance Lab)**
Supervisors: Dr. B. Vartak, Dr. G. Rao
Large Language Models in Equity Research

MIT–T. Rowe Price
Sloan School of Management
(Cambridge, MA, USA)

2024 **Research Associate (Joint Proseminar)**
Supervisors: Mark Kritzman, Sébastien Page
Artificial Intelligence for Financial Analysis

TEACHING EXPERIENCE

Massachusetts Institute of Technology
MIT EECS
(Cambridge, MA, USA)

2025 **Laboratory Assistant**
Intro. to Programming and Computer Science

RESEARCH PROJECTS

- **Double Descent in Financial Time Series.** Nicholas Wong. Research project for *6.7960 Deep Learning*, Massachusetts Institute of Technology. Empirical study of generalization behavior in overparameterized neural networks applied to synthetic and financial time series data, examining the conditions under which double descent emerges and fails in low signal-to-noise environments.
- **Portfolio Optimization.** Nicholas Wong. Research project conducted at Harvard University, supervised by Dr. Soroush Saghafian. Developed an ensemble machine-learning-based forecasting and sparsified Markowitz optimization framework for NASDAQ-100 equities, achieving improved risk-adjusted performance relative to market benchmarks.
- **Regulatory Response to the SVB Collapse: A Natural Language Processing Analysis.** Nicholas Wong and Priscilla Clark. Research project conducted at the Massachusetts Institute of Technology; supervised by Dr. Mike Chen and Dr. Andrew Zachary. Applied natural language processing techniques to analyze shifts in U.S. banking regulatory discourse before and after the Silicon Valley Bank collapse, testing research hypotheses and documenting increased emphasis on liquidity, capital adequacy, and systemic risk oversight.

AWARDS

- Phi Beta Kappa, 2023.
- Dean's List (multiple awards), 2021-2023.

LEADERSHIP

- Former Reconnaissance Team Leader, Singapore Armed Forces; led reconnaissance platoon of 30 soldiers in combat training and exercises.

MISCELLANY

- Technical Skills: Python (Pandas, Polars, NumPy, Scikit-learn, Keras, TensorFlow, PyTorch), R, Stata, SQL, Java; Git; Linux/Unix; LaTeX; Bloomberg Terminal.
- Certifications: Machine Learning Specialization (Stanford University), Data Science Credential in Economics (UNC Chapel Hill), AI Fluency: Frameworks and Foundations (Anthropic), ChatGPT Prompt Engineering for Developers (DeepLearning.AI, OpenAI).
- Activities: former competitive strength athlete (powerlifting) and competitive badminton player.
- Interests: fitness, barbell sports, longevity science & wellness, cooking, history, philosophy.