

EDUCATION

Harvard University (GPA: 3.99/4.0) Cambridge, MA
S.M. in Applied Mathematics (Concurrent Master's). May 2023
A.B. in Computer Science and Statistics, magna cum laude May 2023
Awards: *Phi Beta Kappa, John Harvard Scholar, Detur Prize, Certificate of Distinction in Teaching.*

EXPERIENCE

Stanford Graduate School of Business Stanford, CA
Pre-doctoral Research Fellow in Global Capital Allocation Project Group July 2023 - Present

- Research focused on international finance; advised by Professors Matteo Maggiori, Antonio Coppola, and Jesse Schreger

Harvard University Cambridge, MA
Student Researcher · Summer Program for Undergraduates in Data Science Research Fellow May 2022 - March 2023

- Invented a new deep Bayesian neural network-based model to interpolate and improve upon the performances of maximum a-posteriori based Neural Linear Models and fixed-kernel Gaussian Processes.
- Empirically evaluated different parametrizations and architectures of the model with regularization interpretations.

Harvard University Cambridge, MA
(Head) Teaching Fellow (TF) for Harvard's Introduction to Artificial Intelligence Course Fall 2022, Fall 2021

- Expanded course from an enrollment of 65 in 2021 (as a regular TF) to an enrollment of 115 in 2022 (as the head TF).
- Created 5 problem sets with a combined total of 5 in-depth programming problems and over 20 theoretical problems.
- Supervising the creation of at least 15 new handouts, including new problem sets, section notes, and lecture notes.
- Directing weekly meetings to coordinate responsibilities of course material creation, grading, and responding to students.

Five Rings Capital New York, New York
Quantitative Trader Intern May 2021 - August 2021

- Conducted quantitative research and mock trading via data analysis (intentionally vague in compliance with the company).

Harvard University Cambridge, MA/Remote
Teaching Fellow/Course Assistant for Multiple Courses August 2020 - December 2022

- On course staff for 9 courses in math, statistics, computer science (One or more iterations of: Theoretical computer science, Machine Learning, Artificial Intelligence, Group Theory, Probability, Statistical Inference).
- Taught in all possible formats, ranging from large lectures of over 100 students to 1-1 tutoring, both virtually or in person.

LEADERSHIP AND ACTIVITIES

Harvard Association for U.S. China Relations Cambridge, MA
Executive Board, Finance Director (2021-2022), Conference Director (2020-2021) August 2020 - August 2022

- Directed budget of \$200,000 for international conference, community, and organizational expenses.
- Partnered with nonprofit to host a 5 week long hybrid conference for Chinese students.
- Recruited over two dozen professors, student organizations, and student mentors for conference programming involving seminars, panels, masterclasses, and mentorship pairings.

Harvard Square Homeless Shelter Cambridge, MA
Supervisor (2022-2023), Resource Advocate (2021-2022) November 2021 - December 2022

- Connected several guests to local resources for shelter, food, and administrative needs on a weekly basis.
- Instituted a new centralized activities tracker to document dozens of client cases and coordinate across resource advocates.

SKILLS AND INTERESTS

Programming Languages: Python , R , C++ **Python Packages:** Numpy , Pandas , Seaborn , Sklearn , PyTorch
Interests: International Development , Juggling , Calisthenics , Piano