RICKY TRUONG

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EDUCATION

Harvard University | Cambridge, MA   *Sept. 2023 – May 2027*
Bachelor of Arts in Statistics and Mathematics, Data Science Track
- Coursework: Linear Algebra & Differential Equations, Multivariable Calculus, Probability, Proofs, Statistics & Data Science
- Activities: Running Club, Marathon Challenge, On the Move, Vietnamese Association, Phillips Brooks House Association

EXPERIENCE

Teaching Fellow for STAT 100 | Harvard University   *May 2024 – Present*
- Work closely with Preceptor Julie Vu as part of the teaching team for "STAT 100: Introduction to Statistics & Data Science"
- Lead section and office hours every week, engaging 25+ students while explaining important concepts in statistics and coding

Advisor | Breakthrough Collaborative   *Sept. 2023 – Present*
- Serve as a mentor to 10+ high school students by conducting weekly check-ins and answering questions related to college
- Create presentations for skill-building workshops on topics such as college admissions, standardized testing, and financial aid

Research Assistant | Harvard University   *May 2024 – Sept. 2024*
- Worked alongside Prof. Sebastian Munoz-Najar Galvez on his project "Writing for College Admissions with AI Assistance"
- Attended weekly meetings with lab to discuss readings and assignments and brainstorm ideas on ways to improve the project

Residential Proctor | Harvard Summer School   *May 2024 – Aug. 2024*
- Oversaw residential life for 20+ high school students, maintaining safety, enforcing campus rules, and mediating conflicts
- Hosted study breaks, office hours, and other events to boost student experience and facilitate community within entryway

LEADERSHIP

Board Member | Group for Undergraduates in Statistics   *Nov. 2024 – Present*
- Facilitate mentorship program in Statistics Department by developing algorithm to match undergraduates to graduate students
- Lead efforts to improve academic experience for students by implementing Thanksgiving-themed "Enhanced Stat Night"

Content Lead | Harvard Open Data Project   *May 2024 – Present*
- Promote data journalism and assist in writing articles by brainstorming topics, obtaining necessary datasets, and proofreading
- Meet with Executive Board on weekly basis to discuss and implement methods for improving club experience for members

PROJECTS

STAT 100 Teaching Material | rickytruong.com/teaching   *Dec. 2024*
- Developed supplemental guides to help teach introductory statistics in the form of slides and documents on personal website
- Skills: R (Tidyverse), CSS, HTML, JavaScript (Intersection Observer)

Minute Math | github.com/rickystruong/minute-math   *May 2024*
- Designed a program to prompt user with randomly generated math problems and to keep track of the results on a leaderboard
- Skills: Python (Pygame, Random, OS Path, Pickle)

AWARDS

Award for Outstanding Teaching | Harvard Undergraduate Association   *Dec. 2024*

John Harvard Scholar | Harvard University   *Oct. 2024*

Generative AI Research Fellow | Undergraduate Research and Fellowships   *May 2024*

Mayor's Award | City of Manchester   *June 2023*