

Logan Mondal Bhamidipaty

loganmb@cs.stanford.edu / <https://github.com/FlyingWorkshop/>
<https://flyingworkshop.github.io/Desmos-Creations/> / +1 (408) 680 4736

EDUCATION

Stanford University, Stanford, CA Class of 2024
B.S. in Mathematics GPA: 3.71/4.3
M.S. in Computer Science, Artificial Intelligence GPA: 3.95/4.3
Coursework: (Graduate) Deep RL, NLP, Microeconomics, Convex Optimization; (Undergraduate) Honors Linear Algebra, Graph Theory, Combinatorics, Stochastic Processes, Market Design
Clubs and Organization: Stanford Debate Society

EXPERIENCE

Research Assistant, Stanford Intelligence through Robotics at Scale (IRIS) June 2023 – Present
Advised by Chelsea Finn

- Generalizing meta-RL algorithms for POMDPs.
- Scaling RLHF methods for VLMs in multi-task, language-conditioned learning.

Research Assistant, Stanford Brains in Silicon Jun 2022 – Present
Advised by Kwabena Boahen

- Developing a platform for dynamical systems identification inspired by OpenAI's Gym.

Research and Teaching Assistant, Stanford Department of Economics Sep 2022 – Jun 2023
Advised by Paul Milgrom

- Wrote a 13-chapter course reader for ECON 136 (undergraduate market design) with theorems, exposition, and interactive exercises.
- First non-PhD TA for market design: taught section, held office hours, graded research papers.

Research Assistant, VMware Women's Leadership Innovation Lab Jan 2022 – Nov 2022

- Used sentiment analysis to study corporate DEI initiatives of Fortune 500 companies.

NLP Research Intern, Claudius Legal Intelligence Nov 2021 – May 2022

- Worked on cataloging bias in legal Q&A systems using transformers.

Special Collections Assistant, Stanford East Asia Library Feb 2021 – Apr 2021

- Created a bilingual database of 700+ Chinese publications from the Mao period.

ACCEPTED PUBLICATIONS

Logan Bhamidipaty*, Tommy Bruzzese*, Caryn Tran*, Rami Ratl Mrad, Maxinder S. Kanwal.
DynaDojo: An Extensible Platform for Benchmarking Sample Efficiency in Dynamical System Identification. *NeurIPS*, 2023.

AWARDS

Best Project Runner-Up, CS 224R (Deep Reinforcement Learning) Final Project Jun 2023
Top Student Contributor, CS 109 (Intro to Probability for CS) Course Reader Oct 2021 – Oct 2023
National Security Language Initiative for Youth, U.S. Department of State Sep 2019 – Jan 2020

SELECTED PERSONAL PROJECTS

Math Showcase Website

- Created 30+ interactive visualizations to democratize advanced math on topics including Heron's formula, phase portraits, butterfly networks, Box-Muller transforms, Voronoi diagrams, and more.

Image Processing Pipeline

- Implemented image processing techniques (e.g., gamma correction, Otsu thresholding) from scratch without advanced APIs.

SKILLS Python, C/C++, TensorFlow, PyTorch, TensorFlow, MuJoCo, Gym, Pandas, R, Java, MATLAB
LANGUAGES English (native), Chinese (professional proficiency), Japanese (elementary)