

Logan Mondal Bhamidipaty

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EDUCATION

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|---|---------------|
| 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

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| Research Assistant , Stanford Intelligence through Robotics at Scale (IRIS) | June 2023 – Present |
| <i>Advised by Chelsea Finn</i> | |
| • 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 |
| <i>Advised by Kwabena Boahen</i> | |
| • Developing a platform for dynamical systems identification inspired by OpenAI's Gym. | |
| Research and Teaching Assistant , Stanford Department of Economics | Sep 2022 – Jun 2023 |
| <i>Advised by Paul Milgrom</i> | |
| • 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 Buzzese*, Caryn Tran*, Rami Ratl Mrad, Maxinder S. Kanwal.
DynaDojo: An Extensible Platform for Benchmarking Sample Efficiency in Dynamical System Identification. *NeurIPS*, 2023.

AWARDS

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|---|---------------------|
| 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)