

Remy Ogasawara

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My research interests center on data-driven decision-making in artificial intelligence and machine learning. As a recipient of an NSF fellowship, I am committed to pursuing these interests through doctoral research. I aim to develop innovative data-driven solutions to tackle complex, real-world challenges.

EDUCATION

University of California, Santa Cruz

Bachelor of Science in Computer Science

Santa Cruz, CA

December 2023

Cumulative GPA: 3.96/4.0; Dean's List 2020-2023

Relevant Coursework: **Data Systems and Algorithms (C/C++)**; Analysis of Algorithms; **Machine Learning (Python)**, **Database Systems I (SQL/PostgreSQL)**; Probability Theory (R); Computer Systems Design (C)

ACADEMIC EXPERIENCE

Tech4Good Lab, AI Economist Team @ UCSC

Santa Cruz, CA

Team Lead

January 2023-December 2023

- Managed a small team of 5-8 members by organizing meetings and setting weekly goals and tasks
- Ran experiments on the single agent and simple mentored cases of the MARL simulation in Kubernetes pods and wrote up analysis on experiment results

Undergraduate Researcher

September 2022-December 2022

- Wrote multi-agent reinforcement learning (MARL) simulations to model apprenticeship learning dynamics based on Salesforce's AI Economist project (<https://github.com/salesforce/ai-economist>)

Baskin School of Engineering

Santa Cruz, CA

Tutor

September 2023-December 2023

- Tutored for CSE 180: Introduction to Databases and was previously a grader for the course

- Held weekly sessions to review lecture material and course assignments with students using PostgreSQL

WORK EXPERIENCE

Cloudian Inc.

San Mateo, CA

Software Engineering Intern

August 2024-October 2024

- Queried data from InfluxDB and PostgreSQL
- Incorporated data analysis around system usage and performance and determined proof-of-concept for ML operations
- Created ML models for predictions on node repair durations for the Support team

Alteryx Inc.

Remote

Software Engineering Intern

June 2023-September 2023

- Worked on an agile scrum team to enhance the EvalML (<https://github.com/alteryx/evalml>) open source library
- Added MASE and SMAPE objective metrics in EvalML which were highly requested by internal customers and helped solutions engineers enable sales
- Extended the STL Decomposer to support multivariate time series and added it to the EvalML pipeline to improved model quality and accuracy

CERTIFICATES AND AWARDS

NSF CSGrad4US Fellowship: Includes full funding from NSF for 3 years

Machine Learning Specialization Certificate (2024) - DeepLearning.AI, Stanford University

SKILLS

Programming Languages: Python, SQL, C/C++, HTML

Software: GitHub, TensorFlow, Pandas, Kubernetes, Pytest, Jira/Confluence, PostgreSQL