Remy Ogasawara

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SUMMARY

First year PhD student at the University of Utah. Interested in explainable AI and solving real-world, data-driven machine learning problems. Experienced with machine learning frameworks and database systems.

EDUCATION

- **University of Utah** — Salt Lake City, UT
  PhD - Computer Science — *August 2025 – Present*
  Courses: *Machine Learning, Advanced Database Systems*

- **University of California, Santa Cruz** — Santa Cruz, CA
  Bachelor of Science - Computer Science; GPA: 3.96 — *October 2020 – December 2023*
  Courses: *Data Systems and Algorithms (C/C++); Analysis of Algorithms; Machine Learning (Python); Database Systems I (SQL/PostgreSQL); Probability Theory (R); Computer Systems Design (C)*

SKILLS SUMMARY

- **Languages**: Python, SQL
- **Frameworks**: Scikit, PyTorch
- **Tools**: Kubernetes, Git, PostgreSQL, Jupyter

ACADEMIC EXPERIENCE

- **Kahlert School of Computing, University of Utah** — Salt Lake City, UT
  Graduate Researcher — *May 2025 – Present*
  - **Steering LLMs**: Using steering vectors to control the internal workings of LLMs.

- **Tech4Good Lab, AI Economist Team @ UCSC** — Santa Cruz, CA
  Undergraduate Researcher & Team Lead — *September 2022 – December 2023*
  - **MARL Simulation Development**: Built multi-agent reinforcement learning simulations modeling apprenticeship learning dynamics inspired by Salesforce's AI Economist project (https://github.com/salesforce/ai-economist).
  - **Team Leadership**: Managed a team of 5–8 members by organizing meetings, establishing weekly goals, and coordinating tasks.
  - **Experimentation & Analysis**: Ran experiments on single-agent and simple mentored cases of a MARL simulation in Kubernetes pods; wrote analyses of experiment outcomes.

- **Baskin School of Engineering** — Santa Cruz, CA
  Tutor — *September 2023 – December 2023*
  - **Course Support**: Tutored for CSE 180: Introduction to Databases; previously served as a course grader.
  - **Student Instruction**: Led weekly review sessions covering lecture material and assignments, assisting students with PostgreSQL.

WORK EXPERIENCE

- **Cloudian Inc.** — San Mateo, CA
  Software Engineering Intern — *August 2024 – October 2024*
  - **Data Querying**: Queried and analyzed system usage and performance data from InfluxDB and PostgreSQL.
  - **ML Operations**: Conducted data analysis to evaluate feasibility and proof-of-concept approaches for machine learning operations.
  - **Predictive Modeling**: Developed ML models to predict node repair durations for the Support team.

- **Alteryx Inc.** — Remote
  Software Engineering Intern — *June 2023 – September 2023*
  - **Open Source Development**: Contributed to the EvalML open-source library (https://github.com/alteryx/evalml) as part of an agile scrum team.
  - **Metric Implementation**: Implemented highly requested MASE and SMAPE objective metrics to support internal customer needs and improve solutions engineering workflows.
  - **Time Series Improvements**: Extended the STL Decomposer to support multivariate time series and integrated it into EvalML pipelines to improve model accuracy and quality.

HONORS AND AWARDS

- NSF CSGrad4US Fellowship - June 2024