

Joe Schmo

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Technical Skills

Programming: Python, C++, Java, R, SQL

Machine Learning: PyTorch, TensorFlow, Reinforcement Learning, Reliable ML, Responsible AI, NLP, GPT Prompt Engineering, Multimodal Data Processing, Agentic AI

Data Analysis: NumPy, Pandas, Matplotlib

Tools: Jupyter Notebook, Colab, Git, MLflow (MLOps), Docker, Cirq

Professional Summary

Graduate student in Applied Artificial Intelligence with a strong foundation in machine learning, reinforcement learning, NLP, embedded systems, IoT applications, quantum computing and agentic AI. Experienced with reliable and responsible AI techniques, multimodal data, MLOps, and GPT prompt engineering. Seeking a Machine Learning Engineer Intern position to apply technical expertise and contribute to innovative AI solutions.

Education

University of ***** — M.S. in Applied Artificial Intelligence (2024 – 2026)

University of ***** — B.S. in Cognitive Science, specialization in Machine Learning and Neural Computation; Minor in Mathematics(2022 – 2024)

***** — A.S. in Computer Science and Applied Mathematics (2018 – 2021)

Projects

Kilauea Earthquake Time-Series Prediction (2024)

- Developed a CNN model to forecast seismic activity at Kilauea using time-series data.
- Implemented multimodal data integration to enhance prediction accuracy.

Responsible AI Framework for Loan Predictions (2024)

- Designed a reinforcement learning pipeline integrated with fairness constraints for responsible AI.
- Implemented MLOps practices for model versioning, reproducibility, and deployment.

GPT Prompt Engineering for NLP Applications (2024)

- Created optimized GPT prompts for multimodal datasets to enhance model reasoning and output reliability.
 - Focused on safe and interpretable interactions in conversational AI systems.
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Experience

Real Estate Agent — ***** (2018 – 2023)

Audio Engineer — ***** (2014 – 2023)

Branch Manager, Assistant VP — Big Bank (2010 – 2014)