

PROFESSIONAL EXPERIENCE

SafeBase

Staff AI Engineer

Jan '25 - Present

Portland, OR.

VISO Trust

Lead and Senior Machine Learning Engineer

Feb '22 - Jan '25

Portland, OR.

- › Complete ownership of understanding the ML landscape and delivering/maintaining ML-based features in VISO's product.
- › Created a bespoke multi-modal RAG pipeline that enabled LLMs to answer arbitrary questions about security documents.
- › Prompt engineered foundation models like Claude and Gemini to find and extract key information to fit control frameworks.
- › Built a custom LLM library to support production resiliency of LLM features, and greatly reduce the complexity of creating new LLM-based features
- › Created the 'Real Time Pipeline' which reduced document processing time from ~30 minutes to ~2 minutes and increased accuracy by 40%.
- › Built a custom [ML Training Framework](#) that reduced ML experiment time from months to days.

PyTorch

Huggingface

Python

Sagemaker

AWS

terraform

GCP

TIBCO and Flickerbox

Web Development

Mar '19 - Feb '22

Portland, OR.

- › Created an open source Drupal Module for personalization: [Personalized Paragraphs](#)
- › Integrated a platform for website personalization that included [writing a custom library](#) that uses Marketo data for personalization
- › [Wrote a custom integration](#) for creating SEO-friendly URLs in Drupal.

Drupal

PHP

Vue.js

Javascript

CSS

Other Experience

Marketing & Web Development

2003 - 2019

Portland, OR.

- › Please check my [LinkedIn](#) or [website](#) for additional details

Scala

Java

Apache Spark

Play Framework

MACHINE LEARNING PROJECTS

Deep Learning Final Project

CS 7643: Deep Learning

Jan '22 - Apr '22

- › [Final project](#) in which we test whether or not a LLM can reason about mathematical statements on unseen numbers

EDUCATION

Georgia Tech University

Masters, Computer Science

Aug '23

Oregon State University

BS, CS (2yrs, left for MS)

Jun '21

Pepperdine

MBA (1yr, left for job)

Jun '09

Reed College

BS, Philosophy

Dec '08

SKILLS SUMMARY

Primary Languages

Python, PHP, JS, Scala

Secondary Languages

Ruby, Java, C

Machine Learning

Huggingface, Sagemaker, PyTorch, scikit-learn, numpy, pandas

Web Development

Drupal, Wordpress, Vue.js, Play Framework, Rails, Tailwind, D3

LINKS

› [My Dev Blog](#)

› [My LinkedIn](#)

› [My Website](#)

› [My Github](#)

› [My Stackoverflow](#)

› [My Thesis](#)