DEVIN LIM

Seattle, WA · devin@devinl.im · (253) 343-7980 · github.com/davay · linkedin.com/in/devinlim

Product-focused engineer and PM with three years of experience leading large-scale Fraud Protection systems serving 10M+ daily transactions across Microsoft's core products. Recent Master's graduate with strong background in 0-to-1 product development, full-stack engineering, and ML. Deep love for open source, automation, and tooling. Seeking opportunities to build fun, impactful ML products.

EDUCATION

Seattle University   Seattle, WA
MS in Data Science   September 2023 - June 2025
BS in Computer Science, *cum laude*   September 2018 - June 2020

EXPERIENCE

Macfarlane   Seattle, WA
Founding Engineer   November 2025 - January 2026
First technical hire leading product development for an integrated wealth management platform spanning investing, planning, tax, insurance, legacy, and education domains.

- Authored comprehensive PRD covering strategic rationale, competitive landscape analysis, 12-module framework, technical infrastructure with build/buy analysis, UX storyboards, 3-tier permission system, regulatory compliance approach (SEC/IRS/NIST/CCPA/NYCRR), and operational processes for pilot programs and customer migration.

Snohomish County (via Seattle University Capstone Program)   Seattle, WA
Student Data Scientist   January 2025 - June 2025
Office of Energy and Sustainability

- Led a team of 5 developing an end-to-end survey platform that centralizes survey collection, automates qualitative analysis with NLP, and delivers LLM-powered dashboards – reducing costs and improving federal Justice40 Initiative compliance.

Microsoft (Contract)   Redmond, WA
Technical Program Manager / Software Engineer   October 2020 - August 2023
Fraud Protection Tools Team

- Led a team of 15 developers building Microsoft's fraud protection tools ecosystem consisting of user-facing web apps, APIs, and headless systems on .NET and Azure. Our systems involve 10M+ daily transactions and are widely integrated into Azure, Office 365, Xbox, Bing, MS Learn, and other Microsoft products.
- Served multiple roles (IC/Technical PM/Delivery Manager) driving end-to-end delivery: developed solutions, led stakeholder relations and compliance (e.g., GDPR), designed requirements, managed risks, and oversaw team development.

Amazon (via Seattle University Capstone Program)   Seattle, WA
Student Intern   October 2019 - June 2020
Amazon Care Team

- Led a team of 4 developing an AWS analytics pipeline to quantify video call quality consisting of an automated data collection system, a regression model using WebRTC metrics, and visualizations on the Elastic Stack.

Polyverse Corporation   Bellevue, WA
Compiler Engineer Intern   July 2019 - September 2019
Co-Inventor of U.S. Patent 10,733,303: Polymorphic Code Translation Systems And Methods

- Researched methods to provide 100% mitigation of deserialization attacks through JVM token scrambling to prevent RCE attacks such as the Equifax breach.

SELECTED PROJECTS

EMG Gesture Control Wristband   [Ongoing]
EMG Sensors, Arduino, Nordic nRF52832, BLE, FastAPI, Scikit-learn, CoreML, Swift, Homekit
Inspired by Meta Orion's aim to solve awkward control schemes in XR wearables.

- Building a muscle-sensing wristband with Bluetooth LE connectivity, iOS app, and a FastAPI backend for real-time gesture classification and gesture-to-API mapping (e.g., finger snap to turn the lights off).

Legal Assistant Chatbot (in partnership with Seattle University School of Law)   github.com/davay/legalease
React, FastAPI, HuggingFace, Mistral, RAG, QLoRA
Completed as part of a pilot program at Seattle University.

- As a team of 4, built a full-stack web chatbot to assist small business owners during business formation in Washington State, powered by self-hosted language models, and complete with RAG, QLoRA fine-tuning, and streaming responses.

SKILLS

Tech Stack:	FastAPI, Django, .NET, React, HTMX, Tensorflow, PyTorch, Scikit-learn, Pandas, Numpy, JAX.
ML Engineering:	Holistic understanding of the ML engineering lifecycle beyond model selection.
NLP/LLMs:	TF-IDF, NER, Topic Modeling (LDA & BERTopic), LLM architectures, Ollama, RAG, QLoRA.
Cloud Platforms:	Azure, AWS, GCP, and other VPS providers. Experienced with both managed services and self-hosting.
Dev/MLOps:	Ansible, Docker, Terraform, GitHub Actions, Azure DevOps, GCP Deploy, NGINX, Systemd, MLFlow.
UNIX:	Daily use & tinkering of UNIX & Linux systems for a decade. Experienced in various tools & scripting.