

Win Moe

Full-Stack Engineer (Next.js, Python) | **Ex-Uber** · **UC Berkeley CS**

winmoesuperstar@gmail.com +1 (510) 988-6909 [linkedin.com/in/winmoe](https://www.linkedin.com/in/winmoe) Sunnyvale, CA

Industries: Applied AI | Fleet Maintenance | Mobility | Growth & Marketplace | Industrial Machinery

Work authorization: U.S. Permanent Resident (no sponsorship needed)

PROFILE

Full-stack engineer who owns products from schema to UI. Architected Workify on Next.js, Supabase and Stripe with team accounts, seat management and tiered billing, backed by a FastAPI RAG service, plus a live multilingual marketplace. Ex-Uber data engineer with pipelines at 200M+ records a day.

SKILLS

Frontend & Mobile	Next.js, React, Angular, Redux, Tailwind CSS, React Native (Expo), Swift / iOS
Backend	FastAPI, Flask, Django, gRPC, REST APIs, Supabase, PostgreSQL, Stripe
Languages	TypeScript, JavaScript, Python, Go, Java, SQL
AI & LLMs	RAG, multimodal retrieval, Vertex AI (Gemini), LangChain, ChromaDB, embeddings, CrewAI, MCP, model evaluation
Data & Streaming	Apache Spark, PySpark, Kafka, Snowflake, Cadence, ETL pipelines, data validation
Cloud & Tools	Google Cloud, AWS S3, Azure Data Factory, Git, Power BI, Salesforce, Jira, Linear

EXPERIENCE

Workify Founder & Engineer

May 2026 - Present

joinworkify.com | seinnyaungso.com | FastAPI | Vertex AI (Gemini) | LangChain | ChromaDB | Next.js | TypeScript | Supabase | Stripe

- Founded Workify, a fleet-maintenance platform with an AI manual assistant, and own its product, architecture, and engineering end to end.
- Built a multimodal RAG backend (FastAPI, Gemini on Vertex AI, LangChain, ChromaDB) that answers questions from machine service manual PDFs using both text and diagrams, in languages including Myanmar and Japanese, served as an always-on service with in-memory indexes and an S3 cache.
- Built the Seinn Yaung So marketplace (Next.js, React, TypeScript, Supabase, Tailwind), a live multilingual site where customers browse and list machinery spare parts, with manual Q&A from the RAG backend.
- Built the Workify SaaS with team accounts, seat management, and tiered Stripe billing (Individual, Team, Professional, Enterprise), plus an equity and vesting tracker with a tamper-proof change history.
- Built internal tools (TypeScript, ElectroBun) that run as a desktop app, web dashboard, or CLI, automating cost-report conversion for accounting imports and dealer research with outreach drafting.

Mercor Software Contractor

Feb 2026 - May 2026

Remote | LLM evaluation | frontier AI models

- Provided software engineering expertise to improve frontier model capabilities for a top AI lab.
- Evaluated and refined complex technical model outputs to improve model performance.

Uber Software Engineer, Growth & Marketplace Data Platform

May 2025 - Apr 2026

PySpark | Apache Spark | Kafka | SQL | data validation

- Owned end-to-end data engineering projects, from design to optimization, on high-throughput Spark and Kafka systems powering growth and marketplace analytics for 2B+ users.
- Built and optimized PySpark ETL pipelines and Kafka topics processing 200M+ real-time location records daily, cutting location-based marketing personalization latency from 1 day to under 6 hours and enabling A/B tests on a 2B+ user dataset.
- Deprecated redundant workflows and optimized Spark jobs to keep runtime under 4 hours during a migration, and built data-validation frameworks that surfaced hidden data-quality issues, saving \$290K in compute yearly.
- Recognized by a Staff Engineer for rapid growth, ownership, data-quality initiatives, and cross-team collaboration.

Uber Software Engineering Intern, Core Services (Anomaly Detection)

May 2024 - Aug 2024

Go | Cadence | gRPC | Python | SQL

- Parallelized workflow orchestration with Uber's Cadence framework in Go across 370 metric groups, cutting anomaly detection time from 1 hour to under 15 minutes while keeping fault tolerance.
- Refactored the gRPC API stack, migrating the SQL fetch and analysis layer from Python to Go with dependency injection and clean architecture.

YANMAR America Data Engineering Intern, Rural Lifestyle Business Intelligence

May 2023 - Apr 2024

Python | SQL | Snowflake | Salesforce | Power BI

- Built automated ETL pipelines loading Salesforce marketing data into a Snowflake data lake, optimizing SQL transformations and Power BI dataflows to eliminate 4 hours of manual weekly reporting.
- Wrote Python web scrapers that collected and normalized technical specifications for 560+ competitor models into structured datasets for strategic analysis.

UC Berkeley Undergraduate Research Assistant, FactGrid Cuneiform Project (NLP)

May 2022 - Apr 2024

Python | NLP | Swift | iOS | data pipelines

- Built Python data pipelines to clean, segment, and analyze 150,000+ unstructured JSON files, deriving linguistic patterns for network research.
- Co-built a Swift iOS app (4,500+ lines of code) serving 1,000+ users, contributing to code architecture and performance optimization.

EDUCATION

University of California, Berkeley | B.A., Computer Science

2022 - 2025

GPA 3.48 | Regents' Scholarship (full ride)

Online courses: Machine Learning Specialization (Stanford) | Google Data Analytics | Google Cloud: Cloud Engineer

LANGUAGES

English Native/Bilingual

Burmese Native/Bilingual

Chinese Professional working