

O. FELIX AMORUWA

famoruwa@berkeley.edu | 909-731-9011 | felixamoruwa.info

Technical PM with 12+ years shipping developer tools, infrastructure platforms, and AI-powered applications at scale — from owning agent orchestration frameworks and artifact review pipelines at Streamio AI to scaling platform infrastructure to 675M+ engagements at Intuit. Built multi-agent orchestration (OpenClaw), real-time video/preview artifact layers, and sandboxed RL benchmarking environments with GPU Docker passthrough. Deep distributed systems fluency: microservice orchestration at Splunk, 50K TPS rSocket migrations, and hands-on RL post-training workbenches. NeurIPS published; UC Berkeley CS + CMU MBA.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

Founder & CEO — *streamio.ai* (macOS, Linux, iOS & Web) 09/24 – Present

- Architected and shipped OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated AI agent workflows across multiple industry verticals; directly analogous to cloud agent provisioning, orchestration, and task handoff.
- Engineered real-time HLS livestreaming pipeline with multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, and WebSocket communication layer — delivering a live artifact and review layer (video recordings, live previews) that lets users verify agent output without reconstructing sessions.
- Shipped MCP server exposing screen capture tools to AI coding assistants, embedded terminal (xterm.js/node-pty, 20+ slash commands), and native macOS ScreenCaptureKit integration via Swift — enabling developer-facing tooling with deep OS-level access.
- Built production Electron + React + TypeScript desktop application (100+ components, Redux Toolkit) with cross-platform builds (macOS DMG with code signing/notarization, Linux .deb) and Kinde OAuth 2.0 + Stripe tiered subscription payments.
- Led 0-to-1 product strategy, customer discovery, and go-to-market execution — iterating rapidly on product direction based on user feedback without heavyweight PRD processes.

FINTELLECT AI | Oakland, CA

Founder & CEO — *fintellectai.io* (iOS/Android/Web) 09/24 – Present

- Architected multi-provider LLM orchestration pipeline (Claude, GPT-4, Gemini) with RAG retrieval (ChromaDB), fallback routing, structured output validation, and token budget optimization — managing fleet-level AI agent reliability and cost-per-task tradeoffs.
- Built domain-specific Fintellect Agents — conversational AI agents scoped to distinct financial focal points, delivering context-aware advisory interactions across mobile and web; executed App Store launch and go-to-market.

INTUIT | Mountain View, CA

Staff Product Manager — *Developer Frameworks & Platform Infrastructure* 06/21 – 09/24

- Achieved 275% YoY growth in ICE engagements, scaling to 675M+ in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma; scaled throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground), reducing developer onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production — a time-to-value improvement that directly mirrors the task handoff experience for cloud agents.
- Extended Java and Python SDK Starter Kits with scaffolding templates, build configurations (Gradle/Maven), testing frameworks, and CI/CD integration — empowering developers to go from zero to production-ready microservice in minutes.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO; built Asterias, a declarative asset lifecycle management platform with GraphQL API.
- Initiated MSaaS Drift Detection and Resolution program: authored Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite — instrumenting platform health at scale.
- Led Mailchimp GCP-to-AWS migration for MSaaS and implemented ICE Presence in async chat, generating \$480K/month in additional invoicing; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency.

SPLUNK INC. | San Francisco, CA

Senior Product Manager — *Search Orchestration* 01/19 – 01/21

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — built roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services, developing deep distributed systems fluency in orchestration and reliability.
- Delivered Scheduler Service end-to-end in ~4 months (June–Oct 2019), enabling scheduled/async task execution for first-party applications — a direct analogue to cloud agent task queuing, retries, and error recovery; demoed at Splunk .conf19.
- Led query performance benchmark initiative for beta customer, building mirrored Enterprise topology and achieving up to 10x performance improvements; designed RICE-based prioritization framework across 3 microservice backlogs.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager 08/12 – 12/18

- Led development and enterprise rollout of Splunk Logging-as-a-Service (1.7 TB daily volume, 200+ internal enterprise customers) and ITSI Application Monitoring-as-a-Service — owning the observability and artifact layer for a self-hosted enterprise deployment.
- Built Redis caching capability across the enterprise for scalability, fault tolerance, and data redundancy; led demand forecasting and capacity planning across multiple datacenters.

IBM | Pittsburgh, PA / Foster City, CA / RTP, NC

Software Engineer — *Business Intelligence Products* 07/05 – 03/10

- Resolved multiple \$1–5M high-severity customer escalations for enterprise BI software; led cross-functional root cause analysis and improved case resolution time by 20% across the Support Organization.

BANK OF AMERICA MERRILL LYNCH | Charlotte, NC

Tech MBA Summer Associate — *Global Corporate & Investment Banking T&O* 06/11 – 08/11

- Developed enhanced estimation model using Monte Carlo simulation to optimize DMAIC phase distribution across a \$494M portfolio in Global Technology & Operations.

AI/ML RESEARCH & PROJECTS

RL Workbench — Post-Training RL Platform (2026)

- Built sandboxed framework benchmarking environment (TRL, VeRL, OpenRLHF, NeMo RL) with GPU Docker passthrough — directly analogous to cloud agent sandboxing, resource allocation, and parallelism; implemented live SSE metric streaming for real-time monitoring of training runs.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, DPO, SimPO, and 6 others) with standardized throughput/memory/convergence benchmarking and cross-tab workflow lineage tracking across 4 datasets (GSM8K, MATH, HumanEval, UltraFeedback).

AutoEval — Automated Visual Evaluation for Robot Model Training (2025)

- Built automated artifact and review layer for AI model outputs: screen capture + HLS streaming + multimodal AI (Claude/GPT-4V) pipeline scores model outputs against natural-language rubrics, generating structured PASS/FAIL reports with confidence scores — reducing evaluation cycles from 72 hours to ~4 minutes.
- Zero-integration architecture captures from any visualization tool (RViz, Matplotlib, custom dashboards) via screen capture; directly mirrors the agent review layer where developers verify output via logs, video recordings, and live previews without reconstructing sessions.

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform instrumenting task completion rate, safety, and regression detection across 5 eval types (factuality, reasoning, instruction-following, safety, code generation) with CI/CD integration and automated safety gates — the measurement layer that tells a team where to invest.
- Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama; statistical rigor via bootstrap confidence intervals, Welch's t-test, and Cohen's d effect size.

BRAIN — Protein Structure Prediction ML Platform (UC Berkeley 2004; rewritten 2026)

- Production ML platform in PyTorch with 5 neural architectures, MLflow experiment tracking, Optuna HPO, FastAPI serving, and Docker orchestration (6 containers); original 2004 system hand-coded in C++ with custom BPTT — 413 to 8B parameters (19M-fold scale increase). NeurIPS 2014 accepted paper.

EDUCATION

CARNEGIE MELLON UNIVERSITY, SILICON VALLEY

Master of Science — Software Management Mountain View, CA (08/16)

CARNEGIE MELLON, TEPPER SCHOOL OF BUSINESS

Master of Business Administration — Concentrations: Finance, Quantitative Analysis, Economics Pittsburgh, PA (03/12)

UC BERKELEY, COLLEGE OF ENGINEERING & HAAS SCHOOL OF BUSINESS

Bachelor of Science — Computational Engineering Science Berkeley, CA (12/05)

Certificate — Corporate Finance for Financial Engineering

TEACHING EXPERIENCE

DE ANZA COLLEGE | Cupertino, CA

Adjunct Faculty — Computer Information Systems Department 04/18 – Present

- CIS 35A/B, 36A/B — Java Programming; CIS 64C/G — PL/SQL; CIS 44F — Data Analytics; CIS 64E — Large Scale Cloud Computing (AWS, GCP); CIS 102 — Ethical Hacking; CIS 104 — Digital Forensics; CIS 95F — Managing Cloud Projects.

ADDITIONAL INFORMATION

- FAA Commercial Drone License; FAA Private Pilot License (intended CFI)
- O'Reilly & OER Publications: Data Analytics and Managing Cloud Projects (forthcoming Summer 2026)
- First Tee Assistant Golf Coach — San Francisco Chapter (2012–Present), Pittsburgh Chapter (2011–2012)
- Interests: Classical & Jazz Saxophone (Alto/Tenor/Baritone), Triathlon, Golf, Intramural Basketball & Soccer