

O. FELIX AMORUWA

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

Technical Product Leader with 12+ years building high-scale products at the intersection of search, data, and ML — including direct ownership of Search Service, Search Catalog, and query performance optimization at Splunk, and scaling a platform to 675M+ engagements at Intuit. NeurIPS published ML researcher who regularly applies state-of-the-art AI to solve business problems, from RL post-training benchmarks to production evaluation platforms with rigorous offline metrics. Proven startup founder (2× companies) with the resourcefulness to move fast and execute 0-to-1 in ambiguous environments. BS Computational Engineering, UC Berkeley; MBA, Carnegie Mellon Tepper.

PROFESSIONAL EXPERIENCE

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 product roadmaps, PRDs, user stories, and acceptance criteria for Splunk Cloud Services (SCS), directly managing the core search algorithms and query execution stack.
- Led query performance optimization initiative for beta customer (Assurance), building mirrored Enterprise topology for benchmark testing and achieving up to 10x performance improvements in SCS search — diagnosing root causes of failure modes and validating fixes through rigorous offline benchmarking.
- Delivered Scheduler Service end-to-end in ~4 months (June–Oct 2019), enabling scheduled search capabilities for first-party applications; demoed at Splunk .conf19.
- Designed repeatable RICE-based prioritization framework for 3 microservice backlogs, balancing internal partner, third-party developer, and Fortune 500 customer requirements. Splunk .conf18 Speaker.

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 — demonstrating ability to build high-scale products through state-of-the-art engineering.
- Worked closely with telemetry and usage data (SQL, BigQuery) to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs, translating data signals into roadmap decisions — directly analogous to refining online metrics to understand platform performance.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO; evaluated tradeoffs across velocity, scale, cost, and modularity.
- 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, while mitigating \$1M+ in projected opex growth.
- Implemented ICE Presence in async chat, generating \$480K/month in additional invoicing; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency.

STREAMIO AI | Oakland, CA

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

- Founded and shipped a production AI platform 0-to-1 — applying ML/AI to solve business problems across real estate, financial markets, and insurance; led customer discovery, iterative product refinement, and go-to-market execution as a relentlessly resourceful solo founder.
- Implemented OpenClaw multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated AI agent workflows across multiple industry verticals.
- Built end-to-end production application (Electron + React + TypeScript, 100+ components, Redux Toolkit) with real-time AI analysis via Claude (MCP SDK), native macOS/Linux support, and cross-platform iOS streaming app.

FINTELLECT AI | Oakland, CA

Founder & CEO — fintellect.ai (iOS/Android/Web) 09/24 – Present

- Architected RAG retrieval pipeline with ChromaDB vector store, multi-provider LLM orchestration (Claude, GPT-4, Gemini) with fallback routing, and structured output validation — applying state-of-the-art ML/AI to deliver personalized, context-aware financial discovery experiences.
- Built AI-powered charting and macroeconomic analysis tools; executed go-to-market through App Store launch following customer discovery and influencer partnership development.

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 — managing high-scale data platform products end-to-end.
- Led demand forecasting and capacity planning for SOA product suite, analyzing demand drivers and developing IT capacity plans 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 products; led cross-functional root cause analysis and customer-facing resolution, improving 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

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation) and rigorous offline metrics — bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection — directly applicable to diagnosing search system failure modes and validating algorithm improvements.
- CI/CD integration with regression detection and automated safety gates; adversarial safety testing with refusal detection. Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama.

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench covering the full RLHF/DPO pipeline: Reward Lab for designing and A/B testing reward functions across 4 datasets (GSM8K, MATH, HumanEval, UltraFeedback), Playground for real TRL-powered GRPO/DPO training with live SSE metric streaming, and Arena for head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL).
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, DPO, SimPO, IPO, KTO, ORPO, SPPO) with standardized throughput/memory/convergence benchmarking across frameworks — building deep fluency in the ML/AI advancements powering modern ranking and recommendation systems.

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

- NeurIPS 2014 accepted paper; production ML platform in PyTorch with 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow experiment tracking, Optuna HPO, and FastAPI serving — spanning 413 to 8B parameters (19M-fold scale increase).
- Original 2004 system: hand-coded neural network in C++ with custom BPTT; Lawrence Berkeley National Laboratory computational analysis under Dr. Steven Holbrook.

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

- Built automated visual evaluation system using multimodal AI (Claude/GPT-4V) for spatial reasoning on prediction frames — generating structured PASS/FAIL reports with confidence scores; reduced evaluation cycles from 72 hours to ~4 minutes.

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/64G — Introduction to PL/SQL; CIS 44F — Introduction to Data Analytics; CIS 64E — Fundamentals of 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