

O. FELIX AMORUWA

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

Senior AI Product Manager with 12+ years leading end-to-end AI/ML product development at scale — from shipping agentic AI orchestration frameworks and multi-LLM pipelines to scaling a content platform to 675M+ engagements across Netflix-adjacent consumer brands. Deep hands-on ML lifecycle experience: model evaluation, reward function design, RLHF/DPO benchmarking, and multimodal AI for automated content analysis. Proven track record translating cutting-edge AI research into scalable, user-centric products for creative teams, enterprise partners, and global audiences. NeurIPS published researcher; UC Berkeley Engineering.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

Founder & CEO — AI Content Platform (macOS, Linux, iOS & Web) 09/24 – Present

- Architected OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated agentic AI workflows across real estate, insurance, health/dental, and financial markets verticals.
- Built production multimodal AI pipeline using Claude (MCP SDK) for real-time contextual analysis of screen-captured content, automated asset generation (Pine Script, CMA reports), and structured output delivery — directly analogous to AI-driven promotional asset creation at scale.
- Engineered real-time HLS livestreaming pipeline: multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, and WebSocket communication layer — demonstrating deep command of media distribution infrastructure.
- Led 0-to-1 product strategy, customer discovery, and go-to-market execution across macOS, Linux, and iOS platforms; shipped production builds with code signing, notarization, and native OS integrations.
- Built end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe tiered subscriptions, Electron SafeStorage); integrated ElevenLabs TTS/STT with 6 auto-classified voice profiles and SHA-256 audio caching.

FINTELLECT AI | Oakland, CA

Founder & CEO — AI Financial Platform (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, structured output validation, and token budget optimization — delivering hyper-personalized, contextually relevant AI experiences.
- Built domain-specific conversational AI agents scoped to distinct financial focal points, delivering context-aware advisory interactions; executed go-to-market through App Store launch following iterative customer discovery.

INTUIT | Mountain View, CA

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

- Achieved 275% YoY growth in platform engagements, scaling to 675M+ in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma — demonstrating ability to drive business impact at global consumer scale.
- Used telemetry and usage data (SQL, BigQuery) to prioritize product investments across ~20 mobile apps and 30+ SKUs; built Asterias, a declarative asset lifecycle management platform with GraphQL API serving internal creative and engineering partners.
- 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.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO — authored strategy memos and executive presentations representing team's work to senior leadership.
- Scaled platform throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99; implemented ICE Presence in async chat, generating \$480K/month in additional invoicing.
- Led Mailchimp GCP-to-AWS migration for MSaaS, delivering Golang template, MySQL persistence integration, and updated documentation to meet production deadline.

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.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search capabilities for first-party applications; achieved up to 10x query performance improvements for enterprise beta customer.
- Designed repeatable RICE-based prioritization framework for 3 microservice backlogs, balancing internal partner, third-party developer, and Fortune 500 customer requirements. Splunk .conf18/.conf19 Speaker.

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.
- Built caching capability using Redis and XC10 across the enterprise; 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 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 ML evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and data contamination detection — directly addressing ML lifecycle evaluation best practices.
- Statistical rigor: bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection; CI/CD integration with regression detection and automated safety gates. Stack: FastAPI, TimescaleDB, Redis, Next.js, Ollama.

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench: Reward Lab for designing and A/B testing reward functions (RLVR, learned, hybrid) across 4 datasets, 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 algorithm-specific metric profiles and standardized throughput/memory/convergence benchmarking across frameworks.

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

- Built automated visual evaluation system repurposing multimodal AI pipeline to score model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes; zero-integration architecture captures from any visualization tool via screen capture.

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

- Built production ML platform in PyTorch with 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow experiment tracking, Optuna HPO, and FastAPI serving — 823 automated tests, Docker orchestration (6 containers); 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

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

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