

O. FELIX AMORUWA

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Technical Product Manager with 12+ years shipping complex hardware+software and platform products end-to-end — from real-time infrastructure at 675M+ engagements (Intuit) to 0-to-1 autonomous systems tooling and NeurIPS-published AI research. Proven track record of programs-to-products transitions: scaling bespoke platform integrations into repeatable, multi-customer product lines through rigorous primary user research and hard prioritization calls. FAA Commercial Drone Pilot with hands-on autonomous systems project experience; fast, rigorous learner who has repeatedly immersed in new technical domains and emerged with actionable product direction. U.S. Citizen.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Drove programs-to-products transition at enterprise scale: identified patterns across 5 product lines (QuickBooks, TurboTax, Mint, Mailchimp, Credit Karma), defined platform abstractions and configurations that scaled ICE engagements 275% YoY to 675M+ in FY23 — turning bespoke integrations into a repeatable, multi-customer product line.
- Scaled real-time infrastructure from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99 — making hard prioritization calls across hardware, protocol, and tooling layers.
- Conducted enterprise-wide primary research (Service Language Assessment across 9 languages) — synthesized usage data, developer interviews, and workflow analysis into strategic product direction presented to CTO.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground), reducing operator onboarding from 2–3 weeks to minutes; mitigated \$1M+ in projected opex growth.
- Extended Java and Python SDK Starter Kits with scaffolding templates, CI/CD integration, and testing frameworks — enabling developers to go from zero to production-ready microservice in minutes.
- Built Asterias, a declarative asset lifecycle management platform with GraphQL API; led Mailchimp GCP-to-AWS migration delivering Golang template, MySQL persistence, and updated documentation to meet production deadline.

STREAMIO AI | Oakland, CA

Founder & CEO — Real-Time Autonomous Systems Tooling (macOS, Linux, iOS & Web) 09/24 – Present

- Led 0-to-1 product strategy and execution for a real-time AI platform spanning desktop, mobile, and edge — conducting primary customer discovery interviews and iterating product direction based on operator feedback across multiple industry verticals.
- Engineered real-time HLS livestreaming pipeline: multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, WebSocket communication layer — directly analogous to real-time mission data and sensor fusion pipelines.
- Built AutoEval: repurposed StreamIO's screen capture + HLS streaming + multimodal AI pipeline to score autonomous robot model outputs (grasp poses, segmentation maps, bounding boxes) against natural-language evaluation rubrics — reducing evaluation cycles from 72 hours to ~4 minutes with zero-integration architecture capturing from any visualization tool (RViz, Matplotlib).
- Implemented OpenClaw multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated autonomous agent workflows across multiple mission domains.
- Shipped cross-platform builds (macOS, Linux, iOS) with native hardware integration (ScreenCaptureKit via Swift, on-device FFmpeg transcoding) and end-to-end auth/payments pipeline.

SPLUNK INC. | San Francisco, CA

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

- Owned end-to-end product strategy for Search Service (Go microservices), Search Catalog (PostgreSQL), 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 (June–Oct 2019) in a domain new to me — demoed at Splunk .conf19; achieved up to 10x query performance improvements for Fortune 500 beta customer through rigorous benchmark testing.
- Designed RICE-based prioritization framework across 3 microservice backlogs, balancing internal partner, third-party developer, and enterprise customer requirements. Splunk .conf18 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 — operations-scale workflow tooling used by non-technical operators.
- Built Redis/XC10 caching capability across the enterprise for scalability and fault tolerance; led demand forecasting and capacity planning across multiple datacenters.

FINTELLECT AI | Oakland, CA

Founder & CEO — AI Financial Platform (iOS/Android/Web) 09/24 – Present

- Conducted primary user research with retail investors and traders to define product strategy for a 0-to-1 AI platform; executed go-to-market through App Store launch and established partnerships with industry influencers.

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 software products; 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 Monte Carlo simulation model to optimize DMAIC phase distribution across a \$494M portfolio in Global Technology & Operations.

AI/ML RESEARCH & PROJECTS

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

- Built automated visual evaluation system for robot model training: repurposed real-time screen capture + HLS streaming + multimodal AI pipeline to score model outputs (grasp poses, segmentation maps, bounding boxes) against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes.

- Zero-integration architecture captures from any visualization tool (RViz, Matplotlib, custom dashboards); multimodal AI (Claude/GPT-4V) performs spatial reasoning on prediction frames, generating structured PASS/FAIL reports with confidence scores and edge-case flagging.

RL Workbench — Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench: Reward Lab for A/B testing reward functions (RLVR, learned, hybrid), 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) with GPU passthrough in Docker containers.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, DPO, SimPO, IPO, KTO, ORPO, SPPO, RLOO, REINFORCE++) with standardized throughput/memory/convergence benchmarking across frameworks.

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform with 5 core eval types, adversarial safety testing, and statistical rigor (bootstrap CIs, Welch's t-test, Cohen's d); CI/CD integration with automated safety gates. Stack: FastAPI, TimescaleDB, Redis, Next.js, Ollama.

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

- NeurIPS 2014 accepted paper on neural networks for protein secondary structure prediction. Production PyTorch platform with 5 architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow, Optuna HPO, FastAPI serving — spanning 413 to 8B parameters (19M-fold scale increase from original hand-coded C++ BPTT system).

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 (sUAS Remote Pilot); FAA Private Pilot License (Single Engine Land) — active aviator with direct UAS domain knowledge
- U.S. Citizen; eligible to obtain and maintain U.S. security clearance
- 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