

O. FELIX AMORUWA

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Customer-obsessed technical product leader with 12+ years translating complex engineering requirements into scalable developer-facing platforms — from shipping Java/Python SDK tooling at Intuit (675M+ engagements, 50K TPS) to building production multi-agent GenAI infrastructure and fine-tuning workbenches as a founder. Intimate hands-on familiarity with LLM inference, RLHF/DPO fine-tuning workflows, RAG pipelines, and agent orchestration. Proven track record driving customer outcomes across fast-moving startups and Fortune 500 enterprises. NeurIPS published researcher; UC Berkeley Engineering + CMU MBA.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

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

- Implemented OpenClaw multi-agent orchestration framework with gateway protocol, subagent delegation, profile management, and session switching — enabling coordinated AI agent workflows across real estate, insurance, health/dental, and financial markets verticals; served as architect, PM, and trusted technical advisor across the full customer journey.
- Built production Electron + React + TypeScript desktop application integrating Claude (MCP SDK) for real-time multimodal AI analysis, Pine Script generation, and automated CMA reports via Redfin/Zillow APIs — shipping end-to-end from 0-to-1 with customer discovery, iterative refinement, and go-to-market execution.
- Engineered real-time HLS livestreaming pipeline with multi-stream canvas compositing (9 concurrent sources at 30fps), FFmpeg transcoding, and WebSocket communication layer; shipped cross-platform builds (macOS DMG with code signing/notarization, Linux .deb) with native ScreenCaptureKit integration via Swift.
- Built end-to-end auth and payments pipeline using Kinde OAuth 2.0, Stripe subscriptions (tiered plans), and Electron SafeStorage; integrated ElevenLabs TTS/STT with 6 auto-classified voice profiles and SHA-256 audio caching.

FINTELLECT AI | Oakland, CA

Founder & CEO — *fintellect.ai* (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 — translating customer feedback from trader discovery interviews into scalable GenAI product features.
- Built domain-specific Fintellect Agents — conversational AI agents scoped to distinct financial focal points, delivering context-aware advisory interactions; executed go-to-market through App Store launch.

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 — driving outcomes at generative AI infrastructure scale.
- 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 — a direct analog to Fireworks' customer onboarding and implementation mission.
- 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; implemented ICE Presence in async chat, generating \$480K/month in additional invoicing.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO; worked closely with telemetry and SQL/BigQuery data to prioritize pain points across ~20 mobile apps and 30+ product SKUs.
- Led Mailchimp GCP-to-AWS migration for MSaaS; initiated Drift Detection program writing Java JAR library to scan Git repos for configuration drift and building remediation roadmap using OpenRewrite. DeveloperWeek 2022 speaker.

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, and acceptance criteria for Splunk Cloud Services, acting as trusted technical advisor to enterprise customers.
- Led query performance optimization initiative for beta enterprise customer, building mirrored topology for latency benchmarking and achieving up to 10x performance improvements — directly translating customer requirements into measurable infrastructure outcomes.
- Delivered Scheduler Service end-to-end in ~4 months; designed RICE-based prioritization framework balancing Fortune 500 customer, internal partner, and third-party developer 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 Redis/XC10 caching capability addressing scalability, fault tolerance, and data redundancy at enterprise scale.

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 customer-facing resolution, improving case resolution time by 20% — production engineering foundation underpinning technical PM credibility.

AI/ML RESEARCH & PROJECTS

RL Workbench — Post-Training RL & Fine-Tuning Platform (2026)

- Built 3-phase RL post-training workbench covering the full RLHF/DPO fine-tuning pipeline: Reward Lab for designing and A/B testing reward functions (RLVR, learned, hybrid) across GSM8K, MATH, HumanEval, and UltraFeedback; Playground for real TRL-powered GRPO/DPO training with live SSE

metric streaming on Apple Silicon (MPS) or CUDA; 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, REINFORCE++, RLOO, DPO, SimPO, IPO, KTO, ORPO, SPPO) with standardized throughput/memory/convergence benchmarking across frameworks — directly applicable to Fireworks' inference speed benchmarking and model serving roadmap.

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first LLM evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and CI/CD integration with automated safety gates; statistical rigor via bootstrap confidence intervals, Welch's t-test, and Cohen's d. 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; 2026 rewrite in PyTorch spans 413 to 8B parameters (19M-fold scale increase) with MLflow, Optuna HPO, and FastAPI serving — original 2004 system hand-coded in C++ with custom BPTT.

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

- Repurposed StreamIO's screen capture + HLS streaming + multimodal AI pipeline to score robot model outputs (grasp poses, segmentation maps, bounding boxes) against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes using Claude/GPT-4V spatial reasoning.

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 — 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