

O. FELIX AMORUWA

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Staff-level ML product leader with 12+ years incubating and scaling ML-powered software products — from building multi-agent orchestration frameworks and RAG/LLM infrastructure as a founder to driving 675M+ platform engagements at Intuit. Deep hands-on fluency across applied AI tech stacks (GRPO/DPO post-training, agentic pipelines, multi-provider LLM orchestration, RL benchmarking) paired with a track record of influencing company-level strategy and launching products that drive measurable business outcomes. NeurIPS published researcher; UC Berkeley engineering + CMU MBA.

PROFESSIONAL EXPERIENCE

STREAMIO AI | Oakland, CA

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

- Architected and shipped OpenClaw multi-agent orchestration framework — gateway protocol, subagent delegation, profile management, and session switching — coordinating agentic AI workflows across real estate, insurance, health/dental, and financial-markets domains; integrated MCP SDK (Claude) to expose screen-capture tools to AI coding assistants and enable contextual agentic conversations.
- Built Vantage, a 0-to-1 AI job search and interview prep platform (iOS & macOS): streaming agent chat (SSE) over a FastAPI backend with 40+ agent tools, enforced mutation approvals, STAR behavioral rehearsal with an automated AI judge, and per-role artifact generation — shipped to App Store with Apple IAP + Superwall entitlement gating and Playwright/Jest release gates.
- Engineered production React + TypeScript application (100+ components, Redux Toolkit) with real-time multimodal AI analysis via Claude, Pine Script generation, and automated CMA reports via Redfin/Zillow APIs; hardened network UX via stale-while-revalidate caching, in-flight deduplication, and per-request aborts.
- Led 0-to-1 product strategy, AI development, and go-to-market execution across both products — including customer discovery interviews, iterative product refinement, and influencer partnerships.

FINTELLECT AI | Oakland, CA

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

- Architected a production RAG retrieval pipeline (ChromaDB vector store) with multi-provider LLM orchestration (Claude, GPT-4, Gemini), fallback routing, structured-output validation, and token-budget optimization — powering 13 specialized AI financial advisors delivering context-aware, domain-specific guidance on a financial infrastructure platform directly analogous to Stripe's fintech product suite.
- Shipped ML-powered fintech product from prototype to App Store: iOS app with 13-step personalized onboarding, paper trading on a \$100K virtual portfolio (market/limit/stop/stop-limit orders, P&L, AI portfolio analysis) on live Alpaca market data, and an analyst video feed with AI-extracted sentiment and bullish/bearish calls.
- Navigated full App Review compliance across desktop and mobile — Apple IAP, App Store Server Notifications, MAS sandbox entitlements, consent-gated data flows — and executed go-to-market through App Store launch with influencer partnerships and trader feedback loops.

INTUIT | Mountain View, CA

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

- Achieved 275% YoY growth in ICE platform 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 at sub-25ms TP99 — enterprise ML/AI infrastructure at Stripe-relevant scale.
- Implemented ICE Presence in async chat, generating \$480K/month in incremental business outcomes; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency.
- 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 — demonstrating ability to influence company-level strategy.
- Worked closely with telemetry and usage data (SQL, BigQuery) to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs; built Asterias, a declarative asset lifecycle management platform with GraphQL API; led Mailchimp GCP-to-AWS migration for MSaaS.

SPLUNK INC. | San Francisco, CA

Senior Product Manager — Search Orchestration & Data Infrastructure 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; achieved up to 10x query performance improvements for enterprise beta customers.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search for first-party applications; designed RICE-based prioritization framework across 3 microservice backlogs balancing Fortune 500 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 caching layer across the enterprise for scalability and fault tolerance.

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 products; led cross-functional root cause analysis and improved case resolution time by 20% across the Support Organization.

AI/ML RESEARCH & PROJECTS

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 (RLVR, learned, hybrid) across 4 datasets (GSM8K, MATH, HumanEval, 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 algorithm-specific metric profiles, cross-tab workflow lineage tracking, and standardized throughput/memory/convergence benchmarking across frameworks.

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform with 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and data contamination detection via SHA-256 hashing; statistical rigor via bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, and saturation detection. Stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama.

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); spans 413 to 8B parameters (19M-fold scale increase). NeurIPS 2014 accepted paper.

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

- Built automated visual evaluation system repurposing multimodal AI (Claude/GPT-4V) for spatial reasoning on prediction frames — reducing evaluation cycles from 72 hours to ~4 minutes; zero-integration architecture captures from any visualization tool via screen capture, generating structured PASS/FAIL reports with confidence scores.

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 — Finance, Quantitative Analysis, Economics Pittsburgh, PA (03/12)

UC Berkeley, College of Engineering & Haas School of Business

B.S. — Computational Engineering Science · Certificate — Corporate Finance for Financial Engineering Berkeley, CA (12/05)

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 — 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.