

O. FELIX AMORUWA

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Principal Product Manager with 12+ years leading enterprise-scale, data-intensive platform products — and a hands-on builder of AI agent orchestration frameworks, RAG retrieval pipelines, and LLM evaluation infrastructure. Architected OpenClaw multi-agent orchestration with subagent delegation and context routing, and built RAG pipelines with ChromaDB vector stores and multi-provider LLM fallback — the exact context engineering stack at the core of agentic workflows. Scaled developer-facing platforms to 675M+ engagements at Intuit; owned search orchestration and retrieval at Splunk. NeurIPS published researcher; UC Berkeley engineering.

PROFESSIONAL EXPERIENCE

FINTELLECT AI | Oakland, CA |

Founder & CEO — *fintellectai.io* (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 context-engineered AI agents for retail investors.
- Built domain-specific conversational AI agents scoped to distinct financial focal points, delivering guided, context-aware advisory interactions across mobile and web — demonstrating end-to-end agentic workflow design.
- Built AI-powered macroeconomic analysis and charting tools integrating LLM models for automated trade analysis at scale; led customer discovery and App Store go-to-market execution.

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 agentic workflows across real estate, insurance, health/dental, and financial markets verticals.
- Built production AI application integrating Claude via MCP SDK for contextual screen-capture analysis, enabling real-time agent interactions and automated report generation via Redfin/Zillow APIs — shipped with full auth (Kinde OAuth 2.0), payments (Stripe), and secure credential management.
- Led 0-to-1 product strategy, AI development, and go-to-market execution including customer discovery interviews and iterative product refinement across macOS, Linux, iOS, and Web.

INTUIT | Mountain View, CA |

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

- Achieved 275% YoY growth in 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 with sub-25ms TP99.
- 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.
- Extended Java and Python SDK Starter Kits with scaffolding templates, build configurations, testing frameworks, and CI/CD integration — empowering developers to go from zero to production-ready microservice in minutes; advocated for the developer persona across ~20 mobile apps and 30+ product SKUs.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO; built Asterias, a declarative asset lifecycle management platform with GraphQL API.
- Implemented ICE Presence in async chat, generating \$480K/month in additional invoicing; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency. 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 roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services, directly paralleling Elastic's retrieval and relevance domain.
- Led query performance optimization initiative for beta enterprise customer, building mirrored topology for benchmark testing and achieving up to 10x performance improvements in cloud search — demonstrating benchmarking and evaluation rigor for data-intensive products.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search for first-party applications; demoed at Splunk .conf19. Designed RICE-based prioritization framework across 3 microservice backlogs. Splunk .conf18 Speaker.

KAISER PERMANENTE | Pleasanton, CA |

SOA Technical Product Manager 08/12 – 12/18

- Led 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 scale.
- Led demand forecasting and capacity planning for SOA product suite 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 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 for benchmarking and evaluating agent capabilities: 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 — directly applicable to Agent Builder evaluation strategy.
- 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 orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, 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 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) with GPU passthrough in Docker containers.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, DPO, SimPO, IPO, KTO, ORPO, SPPO, and more) with standardized throughput/memory/convergence benchmarking across frameworks.

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.
- NeurIPS 2014 accepted paper on artificial neural networks for protein secondary structure prediction.

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 — reducing 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