

O. FELIX AMORUWA

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Principal Product Manager with 12+ years building AI-native enterprise products at scale — shipping agents, RAG pipelines, and AI evaluation frameworks from 0→1 through 1→N adoption. Built production agentic systems (OpenClaw multi-agent orchestration, Fintellect RAG with multi-provider LLM fallback routing) and a local-first AI evaluation platform with adversarial safety testing, automated safety gates, and statistical quality metrics. Scaled enterprise platform to 675M+ engagements at Intuit with 275% YoY growth. NeurIPS published researcher; UC Berkeley Engineering + CMU MBA.

PROFESSIONAL EXPERIENCE

FINTELLECT AI | Oakland, CA |

Founder & CEO — *fintellect.ai* (iOS/Android/Web) 09/24 – Present

- Architected production 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 — directly managing AI operational economics (cost, latency, quality tradeoffs) at scale.
- Built domain-specific conversational AI agents embedded in mobile and web app, each scoped to distinct financial focal points — delivering guided, context-aware advisory interactions as a 0→1 agentic product shipped through App Store launch.
- Built AI-powered charting and macroeconomic analysis tools for asset class selection, execution planning, and risk management; integrated LLM models for automated trade analysis.
- Led customer discovery, iterated on product based on trader feedback, and executed go-to-market through App Store launch — driving adoption from concept to production.

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 as a production agentic system.
- Built production AI-native desktop application (Electron + React + TypeScript) with real-time AI analysis of screen captures using Claude (MCP SDK), enabling contextual conversations, Pine Script generation, and automated CMA reports via Redfin/Zillow APIs.
- Shipped cross-platform builds (macOS, Linux, iOS) with native ScreenCaptureKit integration, embedded terminal with 20+ slash commands, and MCP server exposing screen capture tools to AI coding assistants — 0→1 through production release.
- Built end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe subscriptions, Electron SafeStorage); integrated ElevenLabs TTS/STT with 6 auto-classified voice profiles and SHA-256 audio caching.

INTUIT | Mountain View, CA |

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

- Scaled ICE platform to 675M+ engagements in FY23 (275% YoY growth) across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma — a 1→N scaling achievement across the full enterprise product portfolio; grew throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections at sub-25ms TP99.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground) as a 0→1 innovation, reducing developer onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production, while mitigating \$1M+ in projected opex growth.
- Worked closely with telemetry and usage data (SQL, BigQuery) to define quality metrics and prioritize developer pain points across ~20 mobile apps and 30+ product SKUs; 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.
- Led Mailchimp GCP-to-AWS migration for MSaaS and initiated Drift Detection program — wrote Java JAR library to scan Git repos for configuration drift and built remediation roadmap using OpenRewrite.

SPLUNK INC. | San Francisco, CA |

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

- 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 Fortune 500 beta customer through benchmark-driven optimization.
- Owned Search Service (Go microservices), Search Catalog (PostgreSQL), and SPL/SPL2 — built roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services; designed RICE-based prioritization framework across 3 microservice backlogs. Splunk .conf18/.conf19 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 customers) and ITSI Application Monitoring-as-a-Service — scaling secure, reliable platform infrastructure across a regulated healthcare enterprise.
- Built Redis/XC10 caching capability enterprise-wide to address scalability, fault tolerance, and data redundancy; 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 and improved 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

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first AI 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 responsible AI principles and enterprise compliance requirements.
- Implemented statistical quality metrics (bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection) with CI/CD integration, automated safety gates, and regression detection. 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) — a production AI evaluation framework for measuring quality across algorithms.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, IPO, KTO, ORPO, SPPO, and more) with standardized throughput/memory/convergence benchmarking and cross-tab workflow lineage tracking.

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

- Built automated AI evaluation system using multimodal AI (Claude/GPT-4V) for spatial reasoning on prediction frames — reduced evaluation cycles from 72 hours to ~4 minutes; generated structured PASS/FAIL reports with confidence scores and edge-case flagging.

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

- 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.
- Original 2004 system: hand-coded neural network in C++ with custom BPTT. NeurIPS 2014 accepted paper on ANNs for protein secondary structure prediction.

Deep Learning Education Platform (2025–2026)

- Developed 60 interactive demos across 20 chapters covering Goodfellow's Deep Learning textbook — transformers, GANs, diffusion models, autoencoders, optimization.

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