

O. FELIX AMORUWA

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Staff Product Manager with 12+ years leading platform and financial infrastructure products at scale — from scaling Intuit's ICE platform to 675M+ engagements and 50K TPS, to founding Fintellect AI, an AI-native fintech platform with multi-provider LLM orchestration and domain-specific financial agents. Proven track record defining multi-quarter product strategy, driving step-function improvements in revenue and efficiency, and influencing executives with data-backed recommendations. Deep technical fluency in APIs, data models, and system architecture tradeoffs. NeurIPS published researcher; CMU MBA.

PROFESSIONAL EXPERIENCE

FINTELLECT AI | Oakland, CA |

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

- Built AI-native fintech platform empowering retail investors with guided investing journeys — combining real-time market insights, AI-powered charting, macroeconomic analysis tools, and automated trade analysis to optimize asset class selection and risk management.
- 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 reliable AI-native automation at scale.
- Built domain-specific Fintellect Agents — conversational AI agents scoped to distinct financial focal points, delivering context-aware advisory interactions embedded across mobile and web.
- Led 0-to-1 product strategy, customer discovery, and go-to-market execution through App Store launch; refined platform iteratively based on trader feedback and influencer partnerships.

INTUIT | Mountain View, CA |

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

- Scaled ICE platform to 675M+ engagements in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma; drove 275% YoY growth and scaled 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), reducing developer onboarding from 2–3 weeks to minutes in pre-prod and <24 hours for production — mitigating \$1M+ in projected opex growth.
- Implemented ICE Presence in async chat, generating \$480K/month in additional invoicing; deployed Background-to-Foreground Messaging on iOS/Android with <100ms latency.
- Used SQL and BigQuery telemetry to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs; built Asterias, a declarative asset lifecycle management platform with GraphQL API.
- Conducted enterprise-wide Service Language Assessment across 9 languages, analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO.
- Led Mailchimp GCP-to-AWS migration for MSaaS; initiated Drift Detection program with Java JAR library scanning Git repos for configuration drift and OpenRewrite-based remediation roadmap. DeveloperWeek 2022 speaker.

STREAMIO AI | Oakland, CA |

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

- Built production Electron + React + TypeScript desktop application with 100+ components and Redux Toolkit state management; implemented OpenClaw multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated AI agent workflows across financial markets, real estate, and insurance verticals.
- Shipped 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.
- Led 0-to-1 product strategy, AI development, and go-to-market execution including customer discovery interviews and iterative product refinement.

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; delivered Scheduler Service end-to-end in ~4 months, demoed at .conf19.
- Led query performance optimization initiative for Fortune 500 beta customer, achieving up to 10x improvements in SCS search; designed RICE-based prioritization framework balancing internal, third-party developer, and enterprise customer requirements. 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 customers) and ITSI Application Monitoring-as-a-Service; built Redis/XC10 caching layer addressing scalability, fault tolerance, and data redundancy at enterprise scale.
- Led demand forecasting and capacity planning for SOA product suite across multiple datacenters, developing IT capacity plans aligned to business growth drivers.

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 — demonstrating quantitative financial modeling depth in an investment banking context.

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.

AI/ML RESEARCH & PROJECTS

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: 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 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, DPO, SimPO, IPO, KTO, ORPO, 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). Original 2004 system: hand-coded BPTT in C++; 2026 rewrite spans 413 to 8B parameters.

NeurIPS 2014 — Montreal, Canada

- Accepted paper on artificial neural networks for protein secondary structure prediction.

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; 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