

O. FELIX AMORUWA

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Consumer AI product leader with 12+ years building AI-powered products at scale — from shipping a RAG-orchestrated, multi-LLM financial advisory platform for retail investors (Fintellect AI) to scaling Intuit's consumer platform to 675M+ engagements. Deep technical fluency in LLM architectures, agentic systems, and retrieval-augmented generation, with hands-on experience building evaluation frameworks that measure AI quality, accuracy, and safety at scale. NeurIPS published researcher; track record of translating frontier AI research into shipped consumer products in financial services and regulated environments.

PROFESSIONAL EXPERIENCE

FINTELLECT AI | Oakland, CA

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

- Built consumer-facing AI financial platform empowering retail investors with personalized financial guidance — 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.
- Designed and shipped domain-specific Fintellect Agents — conversational AI agents embedded in mobile and web, each scoped to distinct financial focal points (investing, macro analysis, risk management), delivering context-aware advisory interactions that customers trust and rely on daily.
- Built AI-powered charting and macroeconomic analysis tools to optimize asset class selection, execution planning, and risk management; integrated LLM models for automated trade analysis at scale.
- Led 0-to-1 product strategy, customer discovery, and go-to-market execution through App Store launch — iterating on consumer experience based on trader feedback and partnerships with industry influencers.

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 AI workflows across financial markets, real estate, insurance, and health industries.
- Shipped production Electron + React + TypeScript desktop application with real-time AI analysis using Claude (MCP SDK), enabling contextual conversations and automated report generation via domain-specific agents.
- Built end-to-end auth and payments pipeline (Kinde OAuth 2.0, Stripe subscriptions) and MCP server exposing screen capture tools to AI coding assistants; led 0-to-1 product strategy and go-to-market execution.

INTUIT | Mountain View, CA

Staff Product Manager — *Consumer Platform & Developer 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.
- Leveraged telemetry and usage data (SQL, BigQuery) to prioritize consumer pain points across ~20 mobile apps and 30+ product SKUs; built Asterias, a declarative asset lifecycle management platform with GraphQL API.
- 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. DeveloperWeek 2022 speaker.
- Led Mailchimp GCP-to-AWS migration for MSaaS and initiated Drift Detection program — wrote Java JAR 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

- 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.
- Led query performance optimization initiative achieving up to 10x improvements for enterprise beta customer; designed RICE-based prioritization framework balancing internal, third-party, and Fortune 500 requirements. Splunk .conf18 & .conf19 Speaker.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager 08/12 – 12/18

- Shipped Splunk Logging-as-a-Service (1.7 TB daily, 200+ enterprise customers) and ITSI Application Monitoring-as-a-Service in a regulated healthcare environment — navigating compliance requirements while delivering platform capabilities at scale.
- Built Redis/XC10 caching capability enterprise-wide to address scalability, fault tolerance, and data redundancy challenges.

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 — applying quantitative financial analysis 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, improving case resolution time by 20% across the Support Organization.

AI/ML RESEARCH & PROJECTS

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first LLM evaluation and observability 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 — directly addressing AI quality, accuracy, and safety measurement at scale.

- 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 (RLVR, learned, hybrid) 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.
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, IPO, KTO, ORPO, SPPO, and more) with standardized throughput/memory/convergence benchmarking — enabling systematic model strategy decisions at the frontier of post-training research.

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

- NeurIPS 2014 accepted paper; production PyTorch platform with 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow experiment tracking, Optuna HPO, and FastAPI serving — spanning 413 to 8B parameters (19M-fold scale increase from original 2004 C++ BPTT implementation).

Deep Learning Education Platform (2025–2026)

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

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 — 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