

O. FELIX AMORUWA

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Platform intelligence product leader with 12+ years turning complex system signals — logs, metrics, events, and telemetry — into actionable insights for developers and executives alike. At Intuit, owned the observability and developer intelligence layer powering 675M+ annual engagements across QuickBooks, TurboTax, and Credit Karma, scaling platform throughput from 6K to 50K TPS with sub-25ms TP99. At Splunk, owned Search Service, SPL/SPL2, and query performance analytics — delivering 10x improvements for enterprise customers. Built aeval, a local-first evaluation platform with real-time dashboards, statistical rigor, and automated signal gates. NeurIPS published; Carnegie Mellon MS & MBA.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

Staff Product Manager — Developer Intelligence & Platform Observability 06/21 – 09/24

- Owned the platform intelligence layer powering 675M+ annual engagements (FY23) across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma — leveraging telemetry, SQL, and BigQuery to translate raw platform signals into actionable developer and business insights across ~20 mobile apps and 30+ product SKUs.
- Scaled platform throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99 — defining and tracking reliability and performance signals that surfaced real-time platform health to engineering and executive stakeholders.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground) — reducing developer onboarding time-to-insight from 2–3 weeks to minutes in pre-prod and <24 hours for production, mitigating \$1M+ in projected opex growth.
- Initiated Drift Detection and Resolution program: built Java JAR library to scan Git repos for configuration drift, surfacing actionable remediation signals via DevPortal UI — translating complex system state into clear, trustworthy dashboards and alerts for platform teams.
- Conducted enterprise-wide Service Language Assessment across 9 languages (Java, Python, Kotlin, Go, TypeScript, Scala, PHP, C++, Groovy), synthesizing usage data and developer feedback into executive-level narratives presented to the CTO.
- 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; achieved 275% YoY growth in ICE engagements.
- 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 & Observability 01/19 – 01/21

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata service), and Splunk Processing Language (SPL/SPL2) — defining the roadmap for how logs, metrics, and events were ingested, queried, and surfaced as actionable insights across Splunk Cloud Services (SCS).
- Led query performance optimization initiative for beta enterprise customer (Assurance), building a mirrored topology for benchmark testing and achieving up to 10x performance improvements — directly improving time-to-insight for security and operational analytics workflows.
- Delivered Scheduler Service end-to-end in ~4 months (June–Oct 2019), enabling scheduled search and automated reporting capabilities for first-party applications; demoed at Splunk .conf19.
- Designed repeatable RICE-based prioritization framework across 3 microservice backlogs, balancing internal partner, third-party developer, and Fortune 500 customer requirements. Splunk .conf18 Speaker.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager — Observability & Monitoring Platforms 08/12 – 12/18

- Led development and enterprise rollout of Splunk Logging-as-a-Service (1.7 TB daily log volume, 200+ internal enterprise customers) and ITS Application Monitoring-as-a-Service — delivering unified observability and alerting across the enterprise.
- Built caching capability using Redis and XC10 to address scalability, fault tolerance, and data redundancy challenges; led demand forecasting and capacity planning for SOA product suite across multiple datacenters.

FINTELLECT AI | Oakland, CA

Founder & CEO — fintellect.ai (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, and structured output validation — translating complex financial signals into intuitive visualizations and actionable insights for retail investors.
- Built AI-powered charting and macroeconomic analysis tools serving both technical and business audiences; integrated LLM models for automated trade analysis at scale with token budget optimization.

STREAMIO AI | Oakland, CA

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

- Implemented OpenClaw multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated AI agent workflows that surface platform signals as contextual, actionable intelligence across multiple industry verticals.
- Built production Electron + React + TypeScript desktop application with real-time AI analysis of screen captures (Claude MCP SDK), Redux Toolkit state management, and native macOS/Linux support — delivering developer-facing intelligence tooling from 0 to 1.

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 — translating complex data into executive-level narratives for Global Technology & Operations leadership.

AI/ML RESEARCH & PROJECTS

- aeval — AI Model Evaluation Platform** (2025–2026)
- Built local-first evaluation platform with real-time dashboards, 5 core eval types (factuality, reasoning, instruction-following, safety, code generation), adversarial safety testing with refusal detection, and automated safety gates — a full signal-to-action observability pipeline for AI model behavior.
 - Statistical rigor: bootstrap confidence intervals, Welch's t-test, Cohen's d effect size, saturation detection. CI/CD integration with 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 with live SSE metric streaming, cross-framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL), and standardized throughput/memory/convergence reporting — translating complex training signals into actionable insights across 12 RL algorithms.
 - Implemented algorithm-specific metric profiles and cross-tab workflow lineage tracking with GPU passthrough in Docker containers (Apple Silicon MPS / CUDA).
- AutoEval — Automated Visual Evaluation for Robot Model Training** (2025)
- Built automated visual evaluation system repurposing screen capture + HLS streaming + multimodal AI (Claude/GPT-4V) to score model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes with structured PASS/FAIL reports and confidence scores.
- BRAIN — Protein Structure Prediction ML Platform** (UC Berkeley 2004; rewritten 2026)
- Production ML platform in PyTorch with 5 neural architectures, MLflow experiment tracking, Optuna HPO, and FastAPI serving — 823 automated tests, Docker orchestration (6 containers); scales from 413 to 8B parameters.
 - NeurIPS 2014 accepted paper on neural networks for protein secondary structure prediction; original 2004 system hand-coded in C++ with custom BPTT.

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