

O. FELIX AMORUWA

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Technical Product Manager with 12+ years driving developer-facing platforms and data-intensive infrastructure at enterprise scale — from hand-coding BPTT in C++ to benchmarking GPU-accelerated AI workloads across CUDA/MPS, TRL, VeRL, and NeMo RL today. Proven track record owning distributed computing and storage-layer products (675M+ engagements, 50K TPS) and delivering go-to-market strategy for developer tooling at Intuit and Splunk. NeurIPS-published researcher in scientific computing and neural architectures. BS in Computational Engineering Science, UC Berkeley; MS Software Management, Carnegie Mellon.

PROFESSIONAL EXPERIENCE

INTUIT | Mountain View, CA

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

- Scaled distributed platform to 675M+ engagements in FY23 and 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99 — large-scale data management across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma.
- 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 (Gradle/Maven), testing frameworks, and CI/CD integration — enabling developers to go from zero to production-ready microservice in minutes.
- Led Mailchimp GCP-to-AWS migration for MSaaS, delivering Golang template, MySQL persistence integration, and updated DevPortal documentation — cloud-based infrastructure PM in a high-stakes production environment.
- Conducted enterprise-wide Service Language Assessment across 9 languages (Java, Python, Kotlin, Go, TypeScript, Scala, PHP, C++, Groovy), analyzing usage data and developer feedback to inform strategic investment decisions presented to CTO.
- Worked closely with telemetry and usage data (SQL, BigQuery) to prioritize developer pain points across ~20 mobile apps and 30+ product SKUs; implemented ICE Presence in async chat, generating \$480K/month in additional invoicing.

SPLUNK INC. | San Francisco, CA

Senior Product Manager — Search Orchestration & Distributed Storage 01/19 – 01/21

- Owned Search Service (Go microservices), Search Catalog (PostgreSQL metadata/storage service), and Splunk Processing Language (SPL/SPL2) — defined roadmaps, PRDs, and acceptance criteria for Splunk Cloud Services (SCS).
- Led query performance optimization for beta customer, building mirrored Enterprise topology for benchmark testing and achieving up to 10x performance improvements in SCS search — directly analogous to HPC-environment tuning.
- Delivered Scheduler Service end-to-end in ~4 months, enabling scheduled search capabilities for first-party applications; demoed at Splunk .conf19. Designed RICE-based prioritization framework across 3 microservice backlogs.

STREAMIO AI | Oakland, CA

Founder & CEO — GPU-Accelerated AI Platform (macOS, Linux, iOS & Web) 09/24 – Present

- Built RL post-training workbench with GPU Docker passthrough enabling head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) on CUDA and Apple Silicon MPS — directly benchmarking GPU-accelerated AI workloads across 12 RL algorithms.
- Engineered real-time HLS livestreaming pipeline with multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, and WebSocket communication layer — data-intensive, low-latency compute at the application layer.
- Led 0-to-1 product strategy, AI development, and go-to-market execution including customer discovery interviews, iterative product refinement, and cross-platform deployment (macOS DMG with code signing/notarization, Linux .deb).
- Implemented OpenClaw multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated AI agent workflows across multiple industry verticals.

KAISER PERMANENTE | Pleasanton, CA

SOA Technical Product Manager 08/12 – 12/18

- Led development and enterprise rollout of Splunk Logging-as-a-Service (1.7 TB daily volume, 200+ internal enterprise customers) — large-scale data management and storage infrastructure at enterprise scale.
- Built Redis caching capability across the enterprise 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 products; 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 — applied scientific computing and quantitative analysis in a high-stakes financial environment.

FINTELLECT AI | Oakland, CA

Founder & CEO — AI Financial Platform (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 token budget optimization; led go-to-market through App Store launch.

AI/ML RESEARCH & PROJECTS

RL Workbench — GPU-Accelerated Post-Training RL Platform (2026)

- Built 3-phase RL post-training workbench with GPU Docker passthrough for head-to-head framework benchmarking (TRL, VeRL, OpenRLHF, NeMo RL) on CUDA and Apple Silicon MPS — standardized throughput, memory, and convergence benchmarking across GPU-accelerated AI workloads.

- Implemented 12 RL algorithms (PPO, GRPO, DAPO, REINFORCE, REINFORCE++, RLOO, DPO, SimPO, IPO, KTO, ORPO, SPPO) with live SSE metric streaming, algorithm-specific metric profiles, and cross-tab workflow lineage tracking.

BRAIN — Protein Structure Prediction ML Platform (NeurIPS 2014) (UC Berkeley 2004; rewritten 2026)

- NeurIPS-accepted research on neural networks for protein secondary structure prediction; original 2004 system hand-coded in C++ with custom BPTT — foundational scientific computing and HPC-adjacent ML engineering.
- 2026 rewrite: production ML platform in PyTorch with 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task), MLflow experiment tracking, Optuna HPO, FastAPI serving, and Docker orchestration — scaling from 413 to 8B parameters (19M-fold).

aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform with 5 core eval types, adversarial safety testing, and CI/CD regression detection; distributed stack: FastAPI orchestrator, TimescaleDB, Redis job queue, Next.js dashboard, Ollama — statistical rigor via bootstrap confidence intervals, Welch's t-test, and Cohen's d.

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

- Built automated visual evaluation system repurposing screen capture + HLS streaming + multimodal AI pipeline to score robot model outputs against natural-language rubrics — reducing evaluation cycles from 72 hours to ~4 minutes via GPU-accelerated inference.

Lawrence Berkeley National Laboratory

- Computational analysis of RNA/DNA sequences under Dr. Steven Holbrook; assessed secondary structure accuracy using Monte Carlo and AI algorithms — scientific computing research in an HPC laboratory environment.

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