

# O. FELIX AMORUWA

famoruwa@berkeley.edu | 909-731-9011 | [felixamoruwa.info](mailto:felixamoruwa.info)

Consumer AI product leader with 12+ years building emotionally engaging, 0→1 experiences — from founding two AI consumer platforms (Streamio AI, Fintellect AI) to scaling Intuit's platform to 675M+ engagements. Deep intuition for translating frontier model capabilities into polished, interactive products that drive sustained session depth and user delight. NeurIPS-published AI researcher fluent enough in RL, LLM orchestration, and multi-agent systems to push research teams with the right questions. UC Berkeley engineering + Tepper MBA.

## PROFESSIONAL EXPERIENCE

---

### STREAMIO AI | Oakland, CA

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

- Built 0→1 consumer AI platform end-to-end — Electron + React + TypeScript desktop app with 100+ components — delivering real-time AI analysis via Claude (MCP SDK) and enabling contextual, character-like conversations, Pine Script generation, and automated real estate advisory; shipped cross-platform (macOS DMG, Linux .deb, iOS React Native/Expo) with full auth (Kinde OAuth 2.0), payments (Stripe), and go-to-market execution.
- Implemented OpenCrew multi-agent orchestration framework with gateway protocol and subagent delegation — enabling coordinated AI agent workflows across real estate, insurance, health/dental, and financial markets, each agent scoped to a distinct persona and interaction context.
- Engineered real-time HLS livestreaming pipeline: multi-stream canvas compositing (up to 9 concurrent sources at 30fps), FFmpeg transcoding, WebSocket layer, and local HTTP playback server — translating new model capabilities into a live, interactive broadcast experience.
- Led customer discovery interviews and iterative product refinement, continuously sharpening emotional resonance and session depth based on direct user feedback.
- Integrated ElevenLabs TTS/STT with 6 auto-classified voice profiles — adding a layer of character expressiveness and personality to AI interactions.

### FINTELLECT AI | Oakland, CA

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

- Built mobile-first consumer AI platform with domain-specific Fintellect Agents — conversational AI characters each scoped to distinct financial focal points, delivering guided, context-aware advisory interactions that keep users engaged across investing journeys.
- Architected RAG retrieval pipeline with ChromaDB vector store and multi-provider LLM orchestration (Claude, GPT-4, Gemini) with fallback routing — translating frontier model capabilities into reliable, polished consumer experiences; launched on App Store.
- Led customer discovery efforts, refining the platform based on trader feedback and establishing partnerships with industry influencers to grow the creator and content ecosystem.

### INTUIT | Mountain View, CA

Staff Product Manager — *Platform & Consumer Engagement* 06/21 – 09/24

- Achieved 275% YoY growth in platform engagements, scaling to 675M+ in FY23 across QuickBooks, TurboTax, Mint, Mailchimp, and Credit Karma — sustained engagement depth at consumer scale.
- Delivered ICE Self-Service platform (DevPortal, GitOps config, ICE Playground) 0→1, reducing developer onboarding from 2–3 weeks to minutes and 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.
- Worked closely with telemetry and usage data (SQL, BigQuery) to prioritize user pain points across ~20 mobile apps and 30+ product SKUs; partnered with data science to measure engagement depth and product quality.
- Scaled platform throughput from 6K to 50K TPS via rSocket migration supporting ~1.5M concurrent connections with sub-25ms TP99; led Mailchimp GCP-to-AWS migration for MSaaS.

### SPLUNK INC. | San Francisco, CA

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

- Delivered Scheduler Service 0→1 in ~4 months (June–Oct 2019), enabling scheduled search capabilities for first-party applications; demoed at Splunk .conf19.
- Led query performance optimization for beta customer, achieving up to 10x improvements; designed RICE-based prioritization framework balancing internal, third-party, and Fortune 500 requirements across 3 microservice backlogs.

### 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 capability for scalability and fault tolerance.

### 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 products; improved case resolution time by 20% across the Support Organization through cross-functional root cause analysis.

### 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 in Global Technology & Operations.

## AI/ML RESEARCH & PROJECTS

---

### aeval — AI Model Evaluation Platform (2025–2026)

- Built local-first evaluation platform measuring AI product quality across 5 eval types (factuality, reasoning, instruction-following, safety, code generation) with adversarial safety testing, bootstrap confidence intervals, and automated regression detection — directly applicable to measuring engagement depth and model output quality in consumer AI products.

- 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 covering the full RLHF/DPO pipeline: 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).
- Implemented 12 RL algorithms (PPO, GRPO, DAPO, DPO, SimPO, KTO, ORPO, and more) — enabling peer-level partnership with AI research teams to identify opportunities from new model capabilities.

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

- NeurIPS 2014 accepted paper; original 2004 system hand-coded in C++ with custom BPTT; 2026 rewrite spans 413 to 8B parameters across 5 neural architectures (feedforward, GRU, Transformer, ESM-2, multi-task) with MLflow, Optuna HPO, and FastAPI serving.

#### **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; demonstrates design sensibility and commitment to intuitive, engaging user experiences.

### **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 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