Qendrim Beka

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Experience

Founder
October 2025 - Present

Philo - A Thinking Journal

- Built and shipped an iOS mobile app (Expo/React Native/TypeScript) serving 25,000+ lifetime users and generating $24K ARR (1.6% freemium conversion) through subscription model with RevenueCat IAP integration.
- Designed vector-based recommendation engine using embedded philosophy quote dataset (20K+ quotes) to deliver personalized matches in <500ms, processing 600+ daily user prompts across active user base.
- Achieved 58% D7 retention and 6,200+ MAU.

Research & Development Intern
Edmonton, AB
May 2025 - Present (Part-Time)

Network For Applied Tech (NAT)

- Analyzed emergent coordination in multi-agent LLM systems with agent-based modeling (ABM), informing internal research outputs.
- Built matchmaking software for 1500+ hackathon participants, streamlining team formation and collaboration.
- Contributing developer & data analyst for nat-ETH, a shared data platform that aggregates ecosystem partner data into dashboards and health metrics, focusing on funding flow tracking with funders, incubators, and service providers.

Data Analyst (Summer Student)
Edmonton, AB
May 2025 - August 2025

Government of Alberta, Ministry of Assisted Living and Social Services

- Engaged with 84 organizations to complete inventory of over 60,000 housing units across province.
- Used Microsoft Dynamics software to track data quality and flag data abnormalities.
- Analyzed and visualized trends to inform research projects using Excel and PowerBI.

Education

Bachelor of Science in Computing Science
Edmonton, AB, Canada
Expected Graduation: 2027

University of Alberta • Minor in Philosophy

- First Class Academic Standing

Skills

Languages: Python, Java, C, C#, JavaScript/TypeScript, SQL, Bash

Development: React, Next.js, Node.js, REST/GraphQL APIs, WebSockets, Microservices, Android (Java), Cloud (AWS, Firebase, Supabase), Expo

AI/ML: PyTorch, TensorFlow, Scikit-learn, Transformers, OpenCV

Tools: Git, Docker, CI/CD (GitHub Actions, GitLab CI), TDD, System Design, Performance Optimization

Involvement

Founder/President
University Of Alberta
March 2025 - Present

Index Competitive

- Created Team Optimization Algorithm that quantifies unique member metrics to predict and assemble high-performing hackathon teams, increasing win rate by 72%, securing 6 major hackathon wins within the first year.
- Established an Elite 20-Member Team through selective outreach and a merit-based vetting process, targeting top university talent.
- Created Zero-Touch Automation Pipeline for competition logistics using Python and Advanced WebScraping, streamlining the workflow across Discord and external platforms, reducing deployment time by 90%.