

Zaki Khan

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EDUCATION

Lehigh University, Bethlehem, PA

Expected Graduation: December 2026

Bachelor of Science in Computer Science and Business Honors Program, Minor in Entrepreneurship

Relevant Coursework: Machine Learning, Financial Accounting, Product Development, Software Engineering, Database Systems

WORK EXPERIENCE

AI & Data Technology Consulting Intern

New York, NY

Ernst & Young (EY)

June 2025 - August 2025

- Analyzed client workflow bottlenecks and defined 6 **Jira** user stories to accelerate AI product delivery for Power & Utilities client
- Analyzed 5 client pain points, defined 6 **OKRs**, and built 3 AI **proof-of-concepts** using ChatGPT for structured prompts, Lovable for rapid **MVP prototyping** and UX design, and Claude for code generation, presenting final **PowerPoint** presentation to team
- Completed "Develop AI Agents on Azure"; built agents with **AI Foundry** & **Semantic Kernel** using **MCP**, custom tools/workflows

AI/ML Engineer & Project Manager

Remote

Swytch

April 2025 - June 2025

- Led 4 engineers using **CRISP-DM** framework to build a resume-to-job similarity model for Swytch, a platform for career switchers
- Cleaned 10,000+ resumes/job desc. and built **TF-IDF** and **cosine-similarity** pipelines using **Pandas**, **NumPy**, and **scikit-learn**
- Evaluated performance with **Precision@K**, **Recall@K**, and **MRR** and built a **Power BI** dashboard to track model quality

Product Management Intern/Research Assistant

Dortmund, Germany

Center for Entrepreneurship and Transfer; Technical University Dortmund

June 2024 - July 2024

- Interned with 4 local startup founders to define **OKRs** and **roadmaps**; streamlined **Jira** workflows to cut delivery time by ~20%
- Accelerated PhD research timeline by 40% by building an AI agent processing earnings data and creating interactive dashboards

PROJECTS

Co-Founder - [FightCode](#)

February 2026

- Building a startup alongside 3 founders, a live PvP competitive vibecoding platform where users create full web apps under timed conditions in agentic coding IDEs, evaluated through testing and agentic judging powered by Claude
- Built the platform's full-stack architecture using **Next.js**, **TypeScript**, **PostgreSQL**, and **Docker**, enabling users to write, run, and test code in isolated browser-based development environments; Currently at 100+ MAUs and \$60/MRR
- Developed 4-month roadmap from prototype to VC pitch, managing product delivery, Jira workflows, and GTM planning

[Menu Studio & Snapbox](#) – Uber Eats Product Pitch

April 2026

- Designed Menu Studio, an in-app guided photo capture flow, paired with [Snapbox](#), a \$7–\$10 foldable lightbox shipped through Uber's existing merchant welcome kit to standardize lighting and image quality at scale; designed using **Figma** and **Claude Design**
- Presented a final pitch to a Senior PM at Uber covering competitive analysis, user journey, and success metrics across adoption

[Census Income Prediction Project](#) – *Data-Driven Income Analysis*; Cornell Tech

July 2025

- Achieved 85%+ accuracy income predictions by analyzing 32K+ U.S. Census records using **Python**, **pandas**, and **scikit-learn**
- Built/fit Logistic Regression and Decision Tree models; tuned hyperparameters via GridSearchCV to improve performance

[AITaskBuddy](#) - *Microsoft Innovative Challenge (Hackathon; Finalist)*

March 2025

- Aids job coaches in supported employment automate task planning, tracking employee progress, and auto form reporting
- Built using **Python**, **React.js**, **Node.js/Express**, and 8 **Azure AI** services including **GPT-4**, **Speech Services**, **Document Intelligence**

LEADERSHIP

President

Bethlehem, PA

Computer Science & Business Association (CSBA); Lehigh University

March 2025 - Present

- Directed 9-member board & committees to deliver tech events like hackathons and development programs for 300+ students
- Organized [CSB to NYC trip](#), securing tech/finance partnerships bringing 100+ students to 10+ companies like Spotify, AWS, IBM

Founder/President

Bethlehem, PA

Lehigh AI Club; Lehigh University

February 2024 - Present

- Launched first-ever artificial intelligence club at Lehigh University managing 400+ members and 8 board members
- Oversight of 25+ events yearly, leading AI workshops and working with 10+ other clubs/orgs, 5+ companies, and 20+ alumni

SKILLS

Languages: Python, SQL, JavaScript, TypeScript, Java, HTML/CSS

GTM/AI Tools: Clay, Claude Code, Claude Design, Codex, Cursor, Gemini, LangGraph, v0, Lovable, Perplexity, n8n, ElevenLabs

Certifications: [Databricks SQL for Data Analysts](#), [Microsoft Azure AI Engineer \(AI102\)](#), [Develop AI Agents on Azure](#)