Elijah Campbell-Ihim

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Summary

Computer Science Graduate | AI & Full-Stack Developer | Specializes in generative AI, retrieval-augmented generation, and web development using Python, JavaScript, and modern frameworks. Awarded Full-Tuition Presidential Scholarship and graduated Magna Cum Laude with 3.8 GPA.

Work Experience

Head Counselor
Boys and Girls Club of America
Jul 2023 - June 2025 (2 years)
• Led daily programs and activities with groups of 20+ children, fostering a safe and positive environment.
• Built positive relationships with club members and staff through effective communication.
• Supervised assistant and junior counselors, and ensured safety protocols were followed appropriately.

Lead Coding Teacher
Code Ninjas
Jun 2021 - Jul 2024 (3 years 1 month)
• Taught 100+ children ages 7-14 how to code in JavaScript using the Code Ninjas digital curriculum.
• Organized, designed, and directed 8 summer camps as the Summer 2022 Lead Summer Camp Director.
• Responsible for opening and closing duties, as well as running front desk at Code Ninjas.

Education

Ramapo College of New Jersey
Bachelor's degree, Computer Science
Aug 2021 - May 2025
GPA: 3.8
Certifications: IBM AI Engineering Professional Certificate | Coursera Machine Learning Specialization

Projects

AI Tutor Web App
Capstone Project – Feb 2025 – May 2025
• Developed a full-stack AI Tutor web application using LangChain, React, Next.js, Supabase, and FastAPI.
• Implemented retrieval-augmented generation (RAG), custom subject lessons, and adaptive quizzes.
• Integrated user analytics, badge system, and markdown rendering for math/code.
• Deployed to Vercel (frontend) and Render (FastAPI backend) using a REST API architecture.

Skills

Languages & Frameworks: Python, JavaScript, C++, SQL, LangChain, TensorFlow, PyTorch

AI/ML: Retrieval-Augmented Generation (RAG), Natural Language Processing (NLP), Neural Networks

Conceptual Skills: Machine Learning, Deep Learning, Web Development, Data Science

Soft Skills: Problem-Solving, Team Leadership, Effective Communication