

Kameron Benjamin

U.S. Citizen | +1 (954) 815 – 8109 | kayben833@gmail.com | linkedin.com/in/kameronbenjamin/ | github.com/Kameron-ctrl

EDUCATION

Florida Agricultural and Mechanical University, B.S. in Computer Science, Major GPA: 3.3 / 4.0 Aug 2023 - May 2027
Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Algorithm & System Design, Database Management, Intro to Software Engineering, Data Networks & Communication, Discrete Mathematics I & II
Organizations: Google CodePath Tech Exchange, FAMU Marching “100” Band, Strikers Dance Troupe, Kappa Kappa Psi National Honorary Band Fraternity inc., Color Stack

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, C++, SQL, HTML/CSS
Frameworks & Tools: React, Next.js, React Native, Expo, Node.js, FastAPI, Three.js, Tailwind CSS, Docker, AWS (Lambda, EC2, CloudFront), PostgreSQL, REST APIs, Git, GitHub, GitHub Actions (CI/CD)
Frontend: React, Next.js, React Native
AI / ML: PyTorch, Large Language Models (LLMs), AI-Assisted Development, Agentic AI Pipelines, Prompt Engineering, Data Processing

WORK EXPERIENCES

Florida Agricultural and Mechanical University **Tallahassee, FL**
Teaching Assistant – Intro Object Oriented Programming in C++ | Object Oriented Programming, Debugging, Data Structures Jan 2026 – Present

- Taught OOP in C++ to about 30 students across three weekly labs, helping them move from recognizing concepts like inheritance and polymorphism to applying them confidently in their own code.
- Helped students track down runtime errors, segmentation faults, and logic bugs one on one, cutting average debugging time by 10% by focusing on root cause rather than just patching symptoms.

Outatuation **Tallahassee, FL**
AI & Data Automation Extern | Python, LLMs, REST APIs, Data Pipelines, Automation Oct 2025 – Jan 2026

- Built Python automation pipelines that processed and classified large volumes of unstructured business documents at production scale, cutting turnaround time by about 30% through systematic automation.
- Iterated on data extraction logic using LLM-powered workflows, testing outputs at each step until classification accuracy improved by roughly 25% and the results were reliable for production use.

FAMU School of Journalism & Graphic Communication **Tallahassee, FL**
IT Intern | MDM, AV-over-IP, Hardware-Software Integration, Device Management Jan 2026 – Apr 2026

- Configured and deployed 1,000+ student devices using Mobile Device Management platforms, managing hardware-software integration across a distributed environment including security profiles, app deployment, and remote lifecycle management.
- Configured and validated AV-over-IP systems and network-connected hardware across multiple instructional spaces, troubleshooting integration issues between control interfaces, audio-visual devices, and software systems.

PROJECTS

Green Guardian- Full Stack AI Plant Disease Detector | Python, FastAPI, PyTorch, React Native, Expo, Next.js, Docker, AWS May 2025 – Oct 2025

- Designed and built Python REST APIs that serve real-time plant disease predictions to a React Native/Expo mobile app and a Next.js web frontend, with PyTorch inference running on AWS Lambda.
- Set up CI/CD with GitHub Actions and containerized services with Docker for deployment to AWS Lambda, ECR, and CloudFront, keeping the codebase well tested throughout and bringing release time down by about 40%.

Airbets – Prediction Market App | Python, Streamlit, GenAI / LLMs Jan 2026 – Present

- Built a prediction market application in Python and Streamlit with a GenAI Advisor page that uses LLM integration to give users context-aware guidance based on the data they are actually looking at.
- Worked in an Agile team with Git for version control, contributing UI components and backend features across sprint cycles with regular standups and code reviews.

CubeCoach – AI-Powered Rubik’s Cube Learning Platform | Next.js 14, TypeScript, Three.js, FastAPI, Python, Claude API, SQLite/PostgreSQL Mar 2025 – Present

- Built a full-stack learning platform in Next.js 14 and Python/FastAPI with a 3D interactive Rubik’s cube rendered in Three.js, focusing on making a technical subject feel approachable by letting users interact with the problem directly.
- Integrated a Claude API coaching layer that returns structured JSON responses, and built a SQLAlchemy-backed schema tracking user progress across 57 OLL and 21 PLL algorithms, with an SM-2 spaced repetition system that surfaces the right content at the right time.

LEADERSHIP & CAMPUS INVOLVEMENT

Google CodePath **Tallahassee, FL**
Tech Exchange Scholar Jan 2026 – Present

- Got into Google CodePath Tech Exchange out of 500+ applicants, a structured program built around algorithms, data structures, and OOP, with real emphasis on writing clean, correct solutions under time pressure.
- Sharpened problem-solving speed and consistency each week, learning to understand a problem fully before writing any code and thinking through tradeoffs rather than just getting to an answer.

Strikers Dance Troupe **Tallahassee, FL**
President *Former: Vice President, Assistant Rehearsal Director, Historian* Sept 2023 – Present

- Lead rehearsals and coordinate performances for a 40-person group as President, communicating clearly across a large team and making quick decisions when things do not go as planned.
- Improved operational efficiency by organizing resources, venues, and communications between members and leadership, making sure the team always had what it needed to execute.

Kappa Kappa Psi National Honorary Band Fraternity Incorporated **Tallahassee, FL**
Vice President of Programs Apr 2025 - Present

- Lead programming and events for the chapter (<https://deltaiota.org>), planning and executing initiatives that support member development and keep the organization moving forward.