

Aidan Kane

(703) 713-5390
apk14961@uga.edu
aidanpkane.com

linkedin.com/in/aidan-p-kane

github.com/aidanpatrickkane

EDUCATION

The University of Georgia, Athens, GA

May 2025

- **Major:** Management Information Systems
- **Minor:** Computer Science
- **GPA:** 3.75/4.00
- **Coursework:** Machine Learning, CUDA Programming, AWS Development, Native iOS App Development, Relational Database Management, Business Intelligence, Human-Computer Interaction, Design Thinking
- **Honors:** UGA Classic Scholar (\$10,000 annually awarded), Presidential Scholar (4.0 Semester GPA)

PROFESSIONAL EXPERIENCE

ProLine, *Software Development Intern*, Atlanta, GA

May 2024 – July 2024

- Built 2 SEO-optimized Framer websites, creating custom React components to work around web-builder's functional limitations.
- Built RESTful Node.js API endpoints using Digital Ocean VPS to automate website component updates using YouTube API data.
- Generated 70K+ qualified leads using custom Python scripts and leading web-scraping tools.

University of Georgia, *Undergraduate Research Assistant*, Athens, GA

Mar 2024 – May 2024

- Utilized R, RShiny, Cypher in Neo4j, and AWS Neptune to improve Codasaurus, a tool to enhance scientific literature review and knowledge analytics through digital encoding of publications into a graph database.

University of Georgia, *Undergraduate Teaching Assistant*, Athens, GA

August 2023 - Present

- Serving for 4 consecutive semesters as undergraduate teaching assistant for fast-paced Java programming course MIST4600, assisting over 135 students through in-lecture activities and holding twice-weekly office hours.

PROJECTS

Kane Technology Services, *Founder*

July 2023 - Present

- Developed 10+ SEO-optimized websites for a diverse range of clients
 - Client spaces include realty, sports memorabilia, business-selling advisory, and a professional athlete
- Specialize in both custom full-stack applications and popular web builders (Framer/Squarespace).
- Connect scalable relational and non-relational backends using cloud providers like AWS & Digital Ocean to captivating frontends using Next.JS and Tailwind.
- Employ ethical web scraping techniques for lead generation.
- Developed a Chrome extension integrating OpenAI's API for dynamic question-answering on an article's contents, employing Node.js and Express for secure backend operations and API key protection.
- Used MERN-stack to construct a web application on AWS EC2 with 70+ users to deliver daily custom-tailored inspirational content like videos, poems, and essays with the aim to relieve online tensions.

Aidan Intelligence, *Hardware/Software Developer*

September 2024

- Employed Raspberry Pi, Python, OpenAI API, Notion API and X API to create a wake-word activated IoT voice assistant that can answer questions, add my speech to a Notion document, and post to X.

SKILLS

Languages: Python, Swift, Java, JavaScript, TypeScript, C/C++, R, C#

Tools: React Native, Next.JS, Git, Figma, Framer, PostgreSQL, MongoDB, AWS, Docker, Tableau, NumPy, Pandas