

# Aidan Kane

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## EDUCATION

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**The University of Georgia**, Athens, GA

May 2025

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

## PROFESSIONAL EXPERIENCE

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**ProLine**, *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, and Cypher in Neo4j 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

- Selected as 1 of 3 to serve 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

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**Kane Web Services**, *Software Developer*

July 2023 - Present

- Developed 10+ SEO-optimized websites for a diverse range of clients, from businesses to a professional athlete.
- Specialize in both custom MERN-stack applications and popular web builders (Framer/Squarespace).
- Connect scalable backends using services like AWS EC2 & Digital Ocean to captivating frontends using CSS & React.
- Employ ethical web scraping techniques for lead generation.

**Awefactor.us**, *Software Developer*

May 2024 - Present

- Constructed a web application with 70+ users to deliver daily custom-tailored inspirational content like videos, poems, and essays with the aim to relieve online tensions.

**Aidan Intelligence**, *Software/Hardware Developer*

September 2024

- Employed Raspberry Pi, Python and RESTful APIs to create a wake-word activated voice assistant that listens through USB microphone and responds through USB speaker.

**TLDRead**, *Chrome Extension Developer*

February 2024

- 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.

## CERTIFICATIONS AND INTERESTS

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**Certifications:** Unity Learn VR, Codecademy Full-Stack Development & Computer Architecture, Udemy Tableau

**Interests:** Entrepreneurship, Reading, Running, Tarantino Movies, Volunteering, LLM-aided Rabbit Holes