

Kenneth Alexander Jenkins

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EDUCATION

Georgia Institute of Technology

B.Sc. in Computer Engineering; Fall 2024 **GPA: 3.0/4.00**
Concentrations: Cyber Security, & Systems/Architecture

Atlanta, Georgia

May 2022 – December 2026 (Expected)

WORK EXPERIENCE

NBRS Management, LLC

Full-Stack DevOps Engineer

Atlanta, Georgia

January 2025 – Present

- Developed backend Node.js services for user authentication and management using JavaScript and TypeScript.
- Redesigned the company website using Tailwind CSS, converting it to a static architecture that reduced annual hosting costs by hundreds of dollars while improving responsiveness and overall visual appeal.
- Collaborated with a multidisciplinary team of engineers, designers, and videographers to deliver cohesive and high-impact full stack web solutions.

Georgia Institute of Technology - College of Engineering

Undergraduate Teaching Assistant: Art & Generative AI

Atlanta, Georgia

January 2025 – December 2025

- Collaborated with professors Dr. Francesco Fedele and Dr. Mark Leibert to prepare and deliver instructional materials on Generative AI applications in art, music, storytelling, and brainwave visualization.
- Provided individualized student support through office hours, email and zoom correspondence, and additional resources, ensuring comprehension of AI concepts and practical implementation.
- Led study sessions to reinforce key topics, foster collaborative learning, and demonstrate real-world applications of generative AI techniques.
- Developed a copyleft, free and open-source textbook and interactive website to enhance student learning through active engagement in collaboration with Dr. Francesco Fedele.

Georgia Institute of Technology - Open Source Program Office

Open-Source Software Development Intern

Atlanta, Georgia

May 2025 – July 2025

- Authored and improved documentation for multiple free and open-source projects, reaching thousands of users and downloads, in collaboration with a geographically distributed, multinational team.
- Developed software leveraging modern local LLM hosting and inference techniques using vLLM.
- Created onboarding and development documentation to support new interns, covering open-source workflows, Git version control, and asynchronous remote software development best practices.

Valmet, Inc.

DevOps & Automation Engineering Intern

Atlanta, Georgia

May 2024 – December 2024

- Collaborated with industry-leading experts in the Pulp & Paper sector to support customer sales planning, goal alignment, and mill audit processes.
- Designed and implemented an AI-powered tool written in Go, using Retrieval-Augmented Generation (RAG) to streamline internal documentation workflows; with significant potential to reduce operational costs by up to \$30 million annually.
- Developed a Python-based tool to enhance cybersecurity and operational efficiency by automating vulnerability scanning, verifying antivirus functionality, and ensuring proper system security configurations, saving IT engineers hours of weekly setup time.
- Created an internal software solution to monitor and manage KPIs for industrial process measurements, improving operational efficiency and saving an estimated \$100,000 annually.
- Diagnosed a critical boiler-furnace camera issue during a mill audit, preventing costly delays and eliminating the need for international engineer travel, saving the company thousands of dollars.

ORGANIZATIONS

LibreTech Collective @ Georgia Tech

Founder & President of Georgia Tech's Only Student Club for Free, Libre, & Open-Source

November 2025 – Present