Jalen Johnson

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Education

Georgia State University, Atlanta, GA   **August 2024 - May 2028**
Bachelor's of Science, Physics
Concentration: Applied Physics - Electrical Engineering
Awards: Stamps & Presidential Scholar, Zelma Smith May Scholar
Activities: Math & Statistics Club, Programming Club, Society of Physics Students @ GSU

Work Experiences

Conti's Incredible Connection   **October 2018 - Present**
Lead Tutor
Atlanta, GA
- Tutored a diverse range of 40-50 students (K5-College Freshman), including special education students, in various subjects, and coached excelling students in mathematics to advance their knowledge beyond their grade level.
- Assisted in hiring, mentoring, and scheduling new tutors, while implementing innovative study programs to enhance students' learning and memorization techniques.
- Improved workplace efficiency and enjoyment by collaborating on visual, furniture, and color enhancements, and maintained a clean and organized environment.

Headstarter AI   **July 2024 - Present**
Software Engineering Fellow
Remote
- Building 5+ AI apps and API's using NextJS, OpenAI, Pinecone, StripeAPI, with 98% accuracy as seen by 1000 users.
- Developing projects from design to development leading 4+ engineering fellows using MVC design patterns.
- Receiving coaching by Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git and microservice.

O/REZ (Occupational & Recreational Executing of Zygotes) Labs   **July 2024 - Present**
CEO & Lead Researcher
Atlanta, GA
- Applying technology, engineering principles, and custom-built materials to develop diverse projects in Electrical Engineering, Cybersecurity, and AI, demonstrating innovation and technical proficiency.
- Designed and implemented a comprehensive landing page, operational laboratory, and integrated system to streamline company processes and enhance user engagement.

Georgia State University   **August 2024 - Present**
Incoming University Assistantship Program Position
Atlanta, GA
- Will assist faculty with research in multiple computer science fields, develop mobile and web apps, support system administration, and gain exposure to various operating systems, programming languages, and high-performance hardware.
- Will gain experience with topical research projects, app development, system administration, and learn about operating systems, languages, and hardware architectures.
- Will actively work under the supervision of faculty, system administrators, and staff, participate in full-cycle research projects, attend departmental seminars and campus conferences, and attend meetings with professional organizations such as ACM and IEEE student chapters.

Projects

Portfolio Website (Link to Portfolio)   **July 2024 - Present**
- Developed an AI-driven portfolio to showcase my skills, integrating advanced programming techniques and prompt engineering through Cursor and OpenAI.
- Transforming this project into a versatile template that others can easily customize and use to build their own professional portfolios.

Project Huckleberry   **July 2024 - Present**
- Utilizing a Raspberry Pi 5, developing various technical, cybersecurity, IT, and AI-based projects.
- Included in these projects are the development of Private Cloud Storage, Self-Hosting a Website, implementing a Decoy Server, and a Pentesting Lab, showcasing versatile applications of the Raspberry Pi 5.

Skills

Programming Languages: Python (Developing Proficiency), HTML (Developing Proficiency), CSS (Developing Proficiency)
Certifications: Cisco's Computer Hardware Basics
Soft Skills: Collaborative Probleming-Solving, Detail-oriented, Communication, Project Management, Adaptability