Andrew G. Lemons

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Profile

Electrical engineering major with real-world experience in computer science. Invited and attended Apple's Worldwide Developer Conference in Cupertino, California. Won several awards for self-taught programming skills and created a mobile application that was awarded second place internationally. Always highly motivated, dedicated, and self-driven to ensure success in all situations.

Education

Georgia Institute of Technology | Atlanta, GA *August 2022 – Present*
Bachelor of Science in Electrical Engineering & Minor in Computer Science, GPA N/A Expected Graduation May 2026

Georgia Northwestern Technical College | Rome, GA *January 2019 – December 2021*
Dual Enrollment with 30 Credit Hours, GPA 4.0

Skills

Programming: JavaScript, HTML, CSS, Java, Swift
Frameworks: Node.js, Vue, React, React Native, Fastify, Express
Platforms: Linux (Ubuntu, Raspbian), iOS, Android, MacOS
Hardware: Raspberry Pi, Arduino
Software: GitHub, AWS, Visual Studio Code
Communication: Design proposals, technical reports, presentations, code documentation
Languages: English (fluent)

Experience

Ops Tempo LLC. | Rome, GA *December 2021 – August 2022*
Full-stack Developer

- Built full backend, complete with a REST API, using Node JS.
- Designed database to manage application data for customers.
- Created modern frontend using Vue JS.

Walker County Board of Education | La Fayette, GA *August 2021 – May 2022*
IT Specialist / Technology Department

- Created custom software for student and internal use based on department needs.
- Managed Google suite for thousands of students and staff.
- Repaired hardware on various devices, including MacBooks, Chromebooks, and 3D printers.
- Setup, maintained, and modified 3D printers for daily use by students.
- 20 hrs./week

Projects

Apps Collective | Ops Tempo LLC. *August 2022*
Developed a web-based SAAS application for companies of any size to manage services and applications that they pay for. It can keep track of applications, manage down time, and provide valuable insight into many aspects of a companies IT.

- Built using Node JS, Vue, Fastify, PostgreSQL, and AWS.
- Developed from the ground up all the way to the initial version for use by customers.
- Created to be scalable, using cutting-edge technologies and industry standards.

Rambler School Assistance System | La Fayette High School, GA *June 2022*
Created a mobile application, using React Native, to help students at my high school. It featured automatic schedule syncing, an interactive map, calendar of events, and much more.

- Built using React Native, Node JS, and AWS.
- Received second place in the National FBLA Mobile Application Development competition.

Relevant Coursework

Digital System Design: Digital system design principles, logic gates, wiring, binary computation.
Intro to Object Oriented Programming: Java basics, object-oriented programming concepts, algorithms.