Nathan Papa

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Education

Georgia Institute of Technology, Atlanta, GA   August 2022 – May 2026 (Expected)

- Candidate for Bachelor of Science in Computer Science
- GPA: 4.0/4.0

Experience

Georgia Tech College of Computing, Atlanta, GA   August 2023 – Present

Teaching Assistant

- Partnered with a team of teaching assistants to teach an introductory object-oriented programming course (CS 1331) with 800 students enrolled.

McDonalds, Cookeville, TN   June 2021 – December 2021

Crew Member

- Maintained high standards of customer service during high-volume, fast-paced operations.
- Resolved complaints promptly and professionally.

Skills

Technical:	Linux (4 years), Cisco Packet Tracer (3 years), HTML (3 years), CSS (3 years), JavaScript (2 years), Java (1 year), Git, C, Python, React.js, Express.js, SQL, C#
Courses:	Object-oriented programming, Data Structures and Algorithms, Discrete Mathematics, Computer Organization and Programming, Linear Algebra, Multivariable Calculus
Certifications:	CompTIA Security+ and CompTIA ITF+

Projects

Intelligent Tutoring System, Atlanta, GA   August 2023 – Dec 2023

- Collaborated with a development team to create a study application in React Native designed to help students taking Linear Algebra.
- Integrated ChatGPT into the application to provide an adaptive learning experience.

Personal Website, Cookeville, TN   July 2023 – Present

- Developed a React application containing my personal portfolio, biographical information, and a clicker game.
- Leveraged React to create a publicly available adaptive and cross-platform application.

ITF+ Study Website, Cookeville, TN   August 2021 – May 2022

- Worked with my peers to develop a web application in HTML, CSS, and JavaScript designed to help students at my high school study for the CompTIA ITF+ certification exam.
- Maintained and constantly updated the application to improve user experience.
- Improved the pass rate in my high school by 20%.

Activities

Bits of Good, Atlanta, GA   September 2023 – Present

Full-Stack Web Developer

- Worked on GT Scheduler, a web application that all Georgia Tech students use to prepare and track their schedules
- Used Python and Typescript to modify the final exam matrix parser to make final exam information available to thousands of Georgia Tech students
- Used an Agile model to effectively and accurately deliver quality updates

Developer Bootcamper

- Learned about full-stack web development while emphasizing the creation of lasting social good.

GT WebDev, Atlanta, GA   February 2023 – April 2023

Backend Developer

- Collaborated with a small group of students on a React.js and Node.js web application that focused on emphasizing the social component of mealtimes.

CyberPatriot, Cookeville, TN   August 2017 – March 2022

Cisco Team Lead

- 2022 – 3rd place nationally while mentoring a rookie team to second place in Tennessee.
- 2018-2022 – 1st place in Tennessee