HAYDEN CARPENTER

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EDUCATION

Georgia Institute of Technology   August 2022 - May 2025
B.S. in Computer Science   GPA: 3.58
Threads: Intelligence, Media
Relevant Coursework: Intro to Object Oriented Programming, Data Structures & Algorithms, Objects and Design,

EXPERIENCE

BitsOfGood   January 2023 - Present
Senior Developer   *Atlanta, GA*

- Collaborated with a team of 10+ developers and designers to engineer a fullstack web application for a nonprofit client using **Next.js**, **React.js**, **MongoDB**, and **ChakraUI** with **JavaScript** as the primary programming language.
- Developed a web application that allows contractors to easily manage and share building standards with their team.

GT WebDev   August 2022 - December 2022
Full-Stack Developer   *Atlanta, GA*

- Co-led the development team in **JavaScript**, **React.js**, **Three.js**, and **TailwindCSS** to create an interactive and visually appealing map for Georgia Tech.
- Collaborated with other team members to plan and implement features, identify and troubleshoot technical issues, and improve overall application performance.

Axio Global, Inc   April 2021 - April 2022
Software Engineering Intern   *Decatur, GA*

- Helped build the Axio 360 Cyber Risk Assessment web application with the software development team at Axio Global.
- Created admin tools for user management using Axio software using **GraphQL** and **React.js**.
- Ensured consistency in coding standards across all Axio services with **ESLint**.
- Increased efficiency by a factor of 20X of PDF generation for one of the assessment models.
- Mentored other interns in **MongoDB**, **GraphQL**, **React.js**, **TypeScript**, **Cypress**, and **Playwright**.
- Utilized **Azure DevOps** work items and git systems to effectively collaborate with the Axio team.

FIRST Robotics Competition: Team 4026   November 2019 - March 2022
Programming Lead & Scouting Lead   *Atlanta, GA*

- Mentored a team of 5 developers and oversaw 20-30 scouting team members, resulting in a sophisticated scouting application utilizing **JavaScript**, **Next.js**, **React.js**, **TailwindCSS**, **GraphQL**, **MongoDB**, and **Redis**.
- Deployed and managed servers on **Vultr** and **AWS** cloud platforms for seamless operation during competitions and practices.
- Created and prototyped a **Django**-based scouting platform and used the prototype to develop a more sophisticated and modular platform using **Next.js**, reducing data loss from old solutions to 0% and significantly improving ease-of-use.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, HTML/CSS.
Tools/Environments: Windows, Linux, Git, AWS, Azure, Cloudflare, Docker, Postman, Android Studio, React.js, TailwindCSS, ChakraUI, Three.js, MongoDB, Redis, GraphQL, REST APIs, Node.js.