

HAYDEN CARPENTER

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EDUCATION

Georgia Institute of Technology

August 2022 - May 2025

B.S. in Computer Science, Psychology Minor

GPA: 3.66

Threads: Intelligence, Media

Relevant Coursework: Intro to Object Oriented Programming, Data Structures & Algorithms, Objects and Design

EXPERIENCE

MaxRewards

August 2023 - Present

Software Development Intern

Atlanta, GA

- Collaborated with design and leadership teams to conceptualize and launch the main marketing website for MaxRewards on **Vercel**.
- Engineered responsive front-end components leveraging **React.js** and **TailwindCSS**.
- Enhanced performance and efficiency by optimizing static content delivery through **Next.js 13**.

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.
- Working with the Infrastructure team standardize Bits Of Good infrastructure/projects with **Docker** and **Netlify**.

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**.

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.