

Madeline Hartlage

Rising Junior Seeking Summer 2023 Internships in Computer Science

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EDUCATION

Georgia Institute of Technology, Atlanta, GA Candidate for Bachelor of Science in Computer Science

- August 2020 - May 2024 (Expected)
- GPA-3.90
- Faculty Honors

Pope John Paul II High School, Hendersonville, TN High School Diploma

- August 2016 - May 2020
- GPA - 4.35/4.00
- AP Scholar with Distinction, Computer Science and English Awards, National Honor Society, Stem Expo Gold Awards, WITT Scholarship

EXPERIENCE

Assistant Website Developer, June 2022 - Present Georgia Institute of Technology, Atlanta, GA

- Consulting with clients on design requirements
- Presenting design concepts and developing wireframes
- Building and customizing the website in WordPress

Website Developer, September 2020 - Present Bits of Good, Atlanta, GA

- Developing websites and online presences for nonprofits
- Attending developer meetings and workshops
- Collaborating with team members on sprint tasks

Game Guide, May 2021 - Present The Escape Game, Nashville, TN

- Provided personalized entertainment and service for guests
- Sold game experiences and merchandise
- Marketed the brand through game previews
- Managed booking schedules
- Awarded Most Replay Sales-August 2021

PROJECTS

Hack4Impact National Nonprofit Portal, June 2021 - May 2022 Front-end Developer

- Developing a website for nonprofits to choose a Hack4Impact chapter from across the nation and request a web service
- Implemented the UI/UX for project status and admin view of chapter data

BGCMA Bus Safety App, September 2021 - December 2021 Front-end Developer

- Developed a web/mobile app to track student bus attendance
- Implemented a table-based overview of bus and student data

SKILLS

Programming:

Java, C, JavaScript, HTML, CSS
Python, MATLAB

Concepts:

Data Structures and Algorithms
Computer Organization
Object Oriented Programming
Discrete Math
Multivariable Calculus
Linear Algebra
Physics

Instrumentation:

GitHub, Chakra UI, React.js,
Node.js, Next.js, WordPress

Communication:

Presentations
Symposia
Email
Webinar
Research Papers

Clubs:

Bits of Good
VG Dev
Volleyball

LEADERSHIP

Engineering Sub-Lead

- August 2021-Present
- Leading front-end development of web app
- Delegating sprint work
- Collaborating with partners
- Communicating meeting notes

Project Co-Lead

- January 2021-May 2021
- Co-led a team to produce a functional game
- Coordinated weekly meetings
- Delegated sprint work
- Collaborated with team members