Katrina S. Jurczyk

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Education

Georgia Institute of Technology | Atlanta, GA   *August 2019 – May 2023*
Bachelor of Science in Computer Science, GPA 3.54
Faculty Honors, Dean's List, College of Sciences Dean's Scholarship

Experience

Fidelity Investments   *June – August 2021*
Full-Stack Engineering Intern   Covington, KY
- Developed a web application using Angular and Spring Boot to simplify system health checks.
- Created an API YAML contract through Swagger to perform.
- Applied agile methodology and scrum to the iterative development process.
- Utilized Git to collaborate with other engineers on the web application development.

Georgia Institute of Technology   *January – April 2020*
Undergraduate Research Assistant   Atlanta, GA
- Developed the preliminary methodology for analyzing psychosocial phenomena in social media.
- Collected and analyzed data from Twitter about COVID-19.
- Composed a literature review on research about the connections between psychology and social media.

Projects

WestRock Recycling App   *August 2021 – May 2022*
- Developed Angular web application through agile methodology using HTML, TypeScript, and CSS.
- Created a prototype in Figma and performed heuristic evaluations to determine usability.
- Drafted user stories and assign stories to sprints to efficiently develop a minimally viable product.
- Utilized user experience principles to improve the web application interface.

Organizations

CipherTech | Georgia Tech   *August 2021 – Present*
- Update the CipherTech website using HTML and CSS.
- Promote the student organization using social media, including Instagram and Reddit.
- Send emails to club members updating them on upcoming meetings.

STEM Power | Georgia Tech   *January – May 2021*
- Mentored 8th grade Girl Scouts about science, technology, engineering, and mathematics.
- Led small group sessions where I taught and reviewed STEM content with the STEM Power participants.

Skills

Programming Languages: Java, HTML, Python, TypeScript, SQL, CSS, JavaScript, C, YAML
Technologies: GitHub, Angular, IntelliJ, Visual Studio Code, MySQL, Docker, Spring Boot, Spring, Swagger, Django
Concepts: Agile Development Process, Object Oriented Design, Data Structures and Algorithms, Scrum, User Experience, Human Computer Interaction