Sarah Mueller

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Education

Georgetown University   **Washington, DC**
Bachelor of Science in Computer Science, Minor in Economics   Expected Graduation May 2021
GPA: 3.5/4.0
Relevant Coursework: Data Structures, Math Methods for Computer Science, Computer Hardware Fundamentals, International Trade, Environmental Economics, Computer System Fundamentals, Advanced Programming, Information Assurance, Network Security, Programming Languages, Codes and Ciphers, Introduction to Algorithms, Cybersecurity Policy
Honors
- Dean's List Spring 2018, Fall 2018

Work Experience

Beeck Center for Social Impact + Innovation   **Washington, DC**
The Opportunity Project – Tech Team Member   September 2020 – Present
- Working with a group of Georgetown students to develop a consumer-facing digital product focused on helping educate the public on the impact of ocean plastic pollution
- Responsibilities throughout the 12-week design sprint include conducting user research, data exploration, web development, and sustainability procedures

Amazon   **Seattle, WA**
Amazon Future Engineer: Software Development Engineer Intern   May – August 2019
- Created internal tools for fellow developers to visualize and analyze customer data
- Built, tested, and committed a webpage display and a service with database call
- Produced a functional Alexa skill for a nonprofit organization

Wheaton Park District   **Wheaton, IL**
Swim Coach   May – August 2018
- Instructed a group of 125 kids aged 6-18 daily in fundamental swimming technique
- Created and implemented cardiovascular endurance training programs
- Assisted in the organization and management of hosted swim meets

Wheaton Park District   **Wheaton, IL**
Waterpark Staff   May – August 2017 / 2018
- Responded to emergencies and enforced safety protocols for patrons
- Assisted with facility management and park maintenance

Technical Skills

- C++ (Advanced)
- Java (Advanced)
- Python (Advanced)
- Spring MVC
- Git
- SQL
- HTML (Basic)
- Unix environments
- Apache Subversion

Leadership

<guWeCode>   **Washington, DC**
Executive Board Member   May 2018 – Present
- Plan and manage bi-weekly coding studios and events for students interested in learning to program
- Assist in outreach to women in the Georgetown community to promote digital literacy among traditionally underrepresented groups in tech
- Manage all social media platforms

Georgetown University Outdoor Education   **Washington, DC**
Guide   October 2017 – Present
- Plan, organize, and lead outdoor backpacking, hiking, watersport, and rock climbing trips for interested Georgetown University students

Activities and Interests

- Wilderness Advanced First Aid Certified
- Ornithology
- New York Times Crossword
- Documentary Films
- Rock Climbing