Sam Scheck (They/Them)

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Education

University of Maryland, Baltimore County, Baltimore, MD   Expected Graduation: May 2024
Major: B.S. Computer Science   **Minor:** Gender, Women's, and Sexuality Studies   **GPA:** 4.0/4.0

Work Experience

INTERN, *Interdisciplinary CoLab - University of Maryland, Baltimore County*   June 2023 - Present
- ***Archival research project*** - leisureasresistance.org
- Learned how to conduct archival research in a collaborative process
- Developed a website using **Wordpress**, taught teammates from different backgrounds how to leverage **Wordpress**
- Maintained constant client communication and teammate collaboration

CIRCUIT INTERN, *Johns Hopkins Applied Physics Laboratory - Baltimore, MD*   March 2022 - May 2023
- ***Research project*** - Communicating with Intelligent Systems
- Learned about deep learning and how to use **Git**, **NumPy**, **Pandas**, **PyTorch**, **Scikit Learn, ROS 2**
- Utilized a large language model and scikit-learn framework to create a natural language classifier
- Implemented a robotic system using ROS 2 to showcase capabilities of our research
- Collaborated in a team setting to complete incremental tasks in order to reach the overarching goals
- Presented project and research to sponsor and multiple audiences

INTERN, *John Daniel Associates, Inc. - Pittsburgh, PA*   May 2021 - August 2021
- Created a website using **ReactJS** allowing users to access stored data
- Edited an existing website to analyze employee personality test scores and manage scores as data
- Developed an understanding of **MSSQL**, **ReactJS**, and **Entity Framework**, and APIs
- Collaborated virtually with supervisor in order to set goals and reach them

Projects

Baltimore Crime Data Analysis Website   May 2023
- Leveraged **OpenLayers API** to easily plot data layers onto map of Baltimore City
- Developed a website using **React** for the frontend and **MySQL** and **SQLite** for the backend
- Collaborated in a group setting, met regularly to delegate tasks and work together on problems

Relevant Academic Coursework

Computer Science I, II	Software Engineering	Design and Analysis of Algorithms (in progress)
Data Structures	Operating Systems	Malware (in progress)
Computer Architecture	Data Visualization (in progress)	Active Cyber Defense (in progress)

Technical Skills

Programming: **C++**, **C**, **Java**, **Javascript**, **HTML**, **CSS**, **Python** (Libraries: **PyTorch**, **NumPy**, **Pandas**), **Git, Wordpress**

Activities and Leadership

Center for Women in Technology (CWIT) Scholar   Fall 2020 - Present
- Highly selective scholars program for women and underrepresented groups in computing and engineering fields
- Attend consistent events throughout the school year to engage with an encouraging community in the tech field
- Contribute as a co-lead of the K-12 Recruitment and Engagement Program

K-12 Recruitment and Engagement Program   Fall 2020 - Present
- Co-Lead of the program with the goal of inviting young women and girls into the tech field since Spring 2021
- Contribute to tech oriented panel discussions to answer questions and encourage underrepresented young people
- Create and facilitate engaging activities to introduce STEM topics to attendees of outreach events