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, *John Hopkins Applied Physics Laboratory - Baltimore, MD*   March 2022 - Present
- ***Research project***: Communicating with Intelligent Systems
- Developed a fundamental understanding of deep learning
- Learned how to use **Git**, **NumPy**, **Pandas**, **PyTorch**, and **Scikit Learn**
- Utilized a large language model and scikit-learn framework to create a natural language classifier
- 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 - August 2021
- Created a website using **ReactJS** allowing users to access stored data
- Edited an existing website to analyze employee personality test scores
- Learned how to work with APIs
- Developed an understanding of **MSSQL**, **ReactJS**, and **Entity Framework**
- Collaborated virtually with supervisor in order to set goals and reach them

Projects

AVL tree with C++   October 2021
- Computer Science **data structures** class **C++** project
- Utilized binary trees and recursion in order to store data
- Created rotation functions to ensure self balancing qualities of tree guaranteed efficiency of O(logn)

Academic Coursework

Computer Science I, II   Discrete Structures
Calculus I, II   Data Structures

Technical Skills

Programming: **C++**, **Java**, **Python** (Libraries: **PyTorch**, **NumPy**, **Pandas**), **Git**

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 year to engage with an encouraging community in the tech field
- Contribute to K-12 Recruitment and Engagement Program

K-12 Recruitment and Engagement Program   Fall 2020 - Present
- Co-Lead K-12 ambassador 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 engaging activities to introduce STEM topics to attendees of outreach events