

Kiley Hewitt

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Education

Allegheny College, Meadville, PA

Class of 2022

Bachelor of Computer Science and Biology, Global Health Studies minor

Work Experience

Allegheny College, Meadville, PA

September 2020 to Present

Mozilla Fellow Software Engineer

Develop interactive software program to teach Bioinformatics students about the COVID-19 viral genome, transmission, and pathogenesis. Corroborate materials to teach concepts about immunology and the ethics surrounding it and integrate recent research into course software.

University of Pittsburgh, Pittsburgh, PA

May 2020 to Present

Research Assistant

Worked in the Department of Computational and Systems Biology Benos Lab to design and measure methods of using causal inference to learn gene regulatory networks of dynamic, single-cell data.

Allegheny College, Meadville, PA

January 2020 to Present

Technical Leader

Answer students' questions and guide troubleshooting of technical issues during weekly office hours and class practical sessions. Facilitate conversation about Computer Science topics and careers.

Community Involvement

University of Pittsburgh TECBio REU Participant (2020)

Why Not Us (Allegheny College Sexual Violence Advocacy and Awareness) President

Association for Computing Machinery Chapter (ACM) Vice President

Allegheny College Women in Science Vice President

Allegheny College Women's Rugby Treasurer

Skills and Certifications

Computer Programming: Python, R, Java, C, SQL

Computing Environments: *NIX, Git, Eclipse, Docker

Languages: Spanish – basic working proficiency