HANNAH REILING

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EDUCATION

University of Pittsburgh
Pittsburgh, PA | Class of 2020
3.95 GPA
- Bachelor of Science in Computer Science
- Bachelor of Arts in Political Science
- Minor in Applied Statistics

EXPERIENCE

Carnegie Mellon University Institute for Software Research, Undergraduate Researcher
Pittsburgh, PA | May 2017–Present
- One of 24 students selected nationwide to participate in Carnegie Mellon University's Research Experiences for Undergraduates in Software Engineering funded by the National Science Foundation
- Project title: Comparing Development Practices in *npm* Subcommunities
- Wrote programs using Python to automatically mine software repositories and extract data from JSON files
- Used community detection techniques to identify subcommunities in *npm* and visualized these communities using Gephi
- As Co-Social Coordinator, planned social events to engage fellow program participants, acclimate them to Pittsburgh, and create group cohesion

Students Consulting for Nonprofit Organizations, Project Manager
Pittsburgh, PA | Jan 2017–Present
- Lead a team of five peers to provide strategic and technology consulting to a nonprofit organization
- Determine and execute scope and timeline of project
- Developing web-based platform, Living Well with Sickle Cell, for the Children's Sickle Cell Foundation to create support system and track patient health
- Previously redesigned Focus on Renewal's website and established volunteer program

SKILLS

Programming Languages:
Java, Python, HTML, CSS

ACTIVITIES AND LEADERSHIP

WERise Dare to Dream Program, STEM to Beauty Curriculum Coordinator
Pittsburgh, PA | Aug 2017–Present
- Stimulate interest in STEM fields for middle school girls in underresourced communities by creating natural haircare products for young women of color
- Create materials, slides, and notes for STEM to Beauty Curriculum to encourage self-confidence and awareness of STEM fields

University Honors College, Peer Mentor & Ambassador
Pittsburgh, PA | Aug 2017–Present
- Provide support, advice, and programming to freshmen in the University Honors College (UHC) to help them acclimate to the university
- Serve as a liaison between current and prospective students and the UHC to promote engagement with the UHC and encourage prospective students to attend Pitt

Strong Women, Strong Girls, Mentor
Pittsburgh, PA | Sept 2016–Present
- Empower girls ages eight to eleven in underprivileged communities by teaching them about strong women throughout history
- Inspire girls to be confident by fostering well-developed communication and leadership skills

Women in Computer Science, Mentor Recruiter
Pittsburgh, PA | Jan 2017–Present
- Recruit mentors to help students complete projects at She Innovates, an all-women hackathon

Computer Science Club, Member
Pittsburgh, PA | Aug 2017–Present

HONORS AND AWARDS

Nordenberg Leadership Scholar:
One of ten scholars selected by the University of Pittsburgh to receive a full scholarship on the basis of leadership and academic achievements

Grace Hopper Celebration of Women in Computing:
One of ten students chosen by University of Pittsburgh's Computer Science Department to receive full funding to attend the conference