

# HANNAH REILING

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## EDUCATION

**University of Pittsburgh**  
*Pittsburgh, PA | Class of 2020*  
**3.95 GPA**

- B.S. in Computer Science
- B.A. in Political Science
- Minor in Applied Statistics

## 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 orientation activities to freshmen in the honors college to help them acclimate to the university
- Serve as a liaison between current and prospective students and the University Honors College (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 in 3<sup>rd</sup> to 5<sup>th</sup> grade 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, Member**

*Pittsburgh, PA | Jan 2017 – Present*

## 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'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 weekly social events to engage fellow participants in the program, acclimate them to Pittsburgh, and create group cohesiveness

**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 specific nonprofit organization
- Determine and execute scope and timeline of formal project
- Developing iOS and Android App, Living Well with Sickle Cell, for the Children's Sickle Cell Foundation
- Previously redesigned Focus on Renewal's website and established volunteer program

## SKILLS

**Programming Languages:**

Java, Python, HTML, CSS

## HONORS AND AWARDS

**Nordenberg Leadership Scholar:**

One of ten scholars selected by the University of Pittsburgh to receive a full academic scholarship for leadership development