

# Haley Anderson

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## EDUCATION

Chapman University, Orange, CA  
**Spring 2020**

**B.S. Computer Science**  
**Minor in Data Analytics &**  
**University Honors Program**

GPA: 3.75

*Provost's List*

## HONORS & AWARDS

- Grace Hopper Conference  
2018 Scholarship Recipient
- Presidential Scholar at  
Chapman University
- Member of Rewriting the  
Code Fellowship
- Member of Gamma Beta Phi,  
recognizes top 20% of class

## COMPUTATIONAL COURSEWORK

**C++:** Used to implement coursework and projects focused on creating and using data structures and algorithms; applied knowledge of C++ through work with Siemens PLM and Microsoft Corporation.

**Java:** Experience in object-oriented development and recursion over a three-year period.

**Python:** File reading and writing, algorithm development, control structures, object-oriented programming.

## COMPUTATIONAL EXPERIENCE

### Microsoft Corporation,

*Software Development Intern*

**5/2019 - 8/2019**

- Worked on the Word team to help build infrastructure to support online collaboration on the desktop application using C++, impacting 1.2 billion Office users
- Designed, developed, and executed a plan to integrate the feature "Fields" into the new collaboration framework
- Received hands-on training and mentorship from a dedicated mentor, manager, and team to ensure all work was skillfully implemented in a timely manner

### Siemens Product Lifecycle Management Software,

*Software Development Co-op Intern*

**5/2018 - 10/2018**

- Developed C++ code to improve runtime efficiency in flagship product, NX
- Created a program to bridge NX with an open source platform and improve user facing capabilities
- Worked with a team to improve the NX environment for users through biweekly software package updates

### Machine Learning and Assistive Technology Lab,

*Undergraduate Research Assistant*

**8/2016 - Present**

An on campus research lab supervised by the Director of Computing Programs. Published three papers & a poster dealing with topic modeling of various topics including assistive technology (ISCE, ICPC, ICMSR).

## LEADERSHIP EXPERIENCE

### Data Analytics Association,

*Chief Operations Officer & Co-Founder*

**3/2019 - Present**

Coordinated, planned, and executed monthly speakers and company information events for members. Fostered inclusion and confidence through holding networking and career development sessions.

### Pi Beta Phi Fraternity for Women,

*Vice President of Administration*

**1/2019 - Present**

Oversaw Fraternity policy and rules education and adherence; foster a culture of high expectations while ensuring the chapter upholds its core values. Collaborated with a team of 10 to create strategies to efficiently solve problems and maintain good chapter standing with the University.

*Vice President of Member Development*

**1/2018 - 1/2019**

Coached girls to meet their academic and personal goals in order to maintain Chapter morale and to ensure a high-achieving Chapter reputation.

### Love Your Melon,

*Vice President of Public Relations*

**8/2017 - 5/2019**

Improved my leadership skills through planning and running meetings, and leading teams hosting Chapter events.