

# Haley Anderson



(408) 493 - 3115



haleyanderson4@comcast.net



www.haleycanderson.com



/in/haleycanderson

## EDUCATION

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

**B.S. Computer Science**

**Minor in Data Analytics &  
University Honors Program**

GPA: 3.7, Recipient of Provost  
List Recognition every semester

## HONORS & AWARDS

- Grace Hopper Conference  
2018 Scholarship Recipient
- Presidential Scholar at  
Chapman University
- Member of Gamma Beta Phi,  
recognizes top 20% of class
- Member of National Society  
of Collegiate Scholars
- Member of National Society  
of Leadership and Success

## PROJECTS

### "Add Some Salt"

- Attended TwitchconHacks  
2017 with teammates
- Built front end of an  
extension that uses facial  
recognition to register  
emotions and provides  
relevant emote overlay
- Used Javascript and HTML

## COMPUTATIONAL COURSEWORK

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

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

**HTML:** Created a personal website showcasing resume using  
HTML knowledge

**C++:** Used to implement coursework and projects focused on  
creating and using data structures and algorithms

## COMPUTATIONAL EXPERIENCE

**Siemens Product Lifecycle Management Software,**  
*2018 Co-op Student* **5/2018 – Present**

- 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 run by the head of the computer  
science department

- Assisted paper relating to software deep learning  
utilizing data on IntelliSense code completion capture  
information on source code (ICMSR)
- Wrote paper using still images from a video tutorial that  
contain code and taught a computer to classify the  
language of the code (ICPC)
- Compiled data using data mining programs utilizing java
- Published paper & poster dealing with topic modeling of  
the R programming language and its common uses (ISCE)
- Working on paper relating topic modeling from  
children's essays to mental health data as adults

## LEADERSHIP EXPERIENCE

**Pi Beta Phi Fraternity for Women,**  
*Vice President of Member Development* **1/2018 – Present**

Organize the academic plan for the chapter and wellness  
workshop series. Coordinate and lead weekly chapter meetings.

**Love Your Melon,**  
*Vice President of Public Relations* **8/2017 – Present**

Worked on my leadership skills through group planning and  
leading meetings

