

Haley Anderson



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/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

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

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

HTML & CSS: Created a personal website showcasing resume using HTML & CSS knowledge

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)
- 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**

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 – Present**

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