

# Mitch Hansen

COMPUTER SCIENCE UNDERGRADUATE · SANTA CLARA UNIVERSITY

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## Education

### Santa Clara University

*Santa Clara, California*

COMPUTER SCIENCE & ENTREPRENEURSHIP UNDERGRADUATE

*Sophomore, Class of 2021*

- Undergraduate Coursework: Object Oriented Programming; Data Structures; Algorithms; Calculus; Discrete Mathematics.
- Activities: SCU Association of Computing Machinery Organization (SCU ACM); Club Water Polo; Sigma Chi Fraternity & Recruitment Committee; Mathematical Association of America.
- GPA: 2.981

## Relevant Experience

### Dynamic Language

*Renton, WA*

IT, TRANSLATION, & LOCALIZATION INTERN

*Jun. 2018 - Aug. 2018*

- Achieved 158% efficiency rate with .002% error rate, as well as a 100% on time service rate.
- Assisted in implementation of company-wide printer failure fix. Updated more than 20 machines to resolve issue.
- Utilized company's quality assurance software tool, SQL production database, and assisted in software troubleshooting.

### Hack For Humanity

*SCU ACM Hackathon*

WWW.GITHUB.COM/MITCHAHAN/HACKATHON

*Mar. 2018*

- Developed demo software that would assist with disaster relief in team of 6.
- Programmed the back-end prototype of an Android app through C++, Java, & Github.
- Utilizes a user's location and finds nearby pantries and disaster relief centers that best fit the user's parameters.
- Implemented a ranking algorithm to show most relevant locations relevant to the user.

### Boston Leadership Institute

*Boston, MA*

STEM ENTREPRENEURSHIP PROGRAM

*Jun. 2016 - Jul. 2016*

- Selected to attend three-week program which helped develop a unique product.
- Designed every aspect of creating a business, determining financial reports, and presenting the product.
- Operated in groups with diverse temperaments guided by professionals in the tech and bio-tech industries.

## Projects

### 6 Degrees of Separation Application

HTTPS://GITHUB.COM/SIXDEGREEAPP/SIXDEGREE

- Creating an application to test idea of 6 degrees of separation. Utilizing and accomplishing theory through Instagram's API
- Implementing a modified dual breadth-first search algorithm to track the degrees of separation between the users account and the target.
- Developing with Python, C++, Visual Studio, and Instagram API.

### Personal Website

*www.mitch-hansen.com*

HTTPS://GITHUB.COM/MITCHAHAN/PERSONAL-WEBSITE

- Built a portfolio website to showcase talents and skills.
- Applied front-end design and programming languages.
- Developed with HTML, CSS, and limited JavaScript.

## Skills

**Languages** C++; Java; Limited JavaScript

**Web** HTML5; Cascading Styling Sheets (CSS)

**Software** Microsoft Visual Studios; GitHub/Git; Eclipse;

**Verbal** English; Chinese (Conversational)

## Leadership & Awards

**SEPIA Club** Students Educating Peers in Autism. Helped fellow students with Autism improve social skills.

**Knight Valor** Awarded Knight Valor for over 140 hours of community service through High School.

**Lifeguard** Worked with and serviced the needs of patrons, as well as managed the pool and facilities at Newport Yacht Club.