

Oshin Joshi

Cupertino, CA

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Education

University of California – Santa Barbara

Santa Barbara, California

Major: Computer Science

Anticipated Graduation: June 2020

Courses:

- **CMPSC 165B** – Machine Learning w/ **Python**
- **CMPSC 130A + 130B** – Data Structures & Algorithms w/ **C++**
- **CMPSC 48** – Computer Science Project
- **CMPSC 181B** – Introduction to Computer Vision w/ **Python**
- **CMPSC 176A** – Computer Communication Networks w/ **C**
- **CMPSC 140** – Parallel Scientific Computing w/ **C**
- **CMPSC 184** – Mobile Application Development w/ **Android Studio**

Projects

- **Personal Website:** oshinj.github.io
- **Help Those in Need**
 - Conceptualized and prototyped in a computer science project class at the University of California, Santa Barbara
 - Web application constructed using JavaScript and React.js
 - Uses hosting, database, and authentication services from Firebase
 - Utilized JavaScript and React.js to implement database submission and retrieval features
 - Used HTML and CSS for appearance and design of website
 - Utilized: HTML, CSS, JavaScript, React.js, Firebase Database/Hosting/Authentication
- **The Little Things**
 - Conceptualized at Athena Hacks 2019 at the University of Southern California
 - Mobile application developed with Android Studio
 - Completed design elements of application with three views through Android Studio interface
 - Connected views through Java code involving onClick() methods linked with buttons
 - Working on implementing connection to an online database to add functionality
 - Utilized: Android Studio, Java

Experience

A10 Networks

San Jose, California

Temp Intern – GK2 Enhancements

June 2019 – August 2019

- Altered existing code to troubleshoot errors in an internal website and introduce new features
- Worked with elastic search and logstash to monitor url visits by client ips filtered by time
- Use Python with a Django framework to enhance A10's internal dashboard
- Utilize Python and Javascript to add features that alter and access a multi-layered mysql database

National Residence Halls Association – Margaret T. Getman Chapter

Santa Barbara, California

VP of Admin – Margaret T. Getman Chapter

September 2019 – Present

VP of Records – Margaret T. Getman Chapter

September 2018 – June 2019

- Developed internal relations between members of the chapter
- Maintained record of events and activities of the chapter through organization of data

UCSB Residential Housing Association
Environmental Awareness Chair Coordinator

Santa Barbara, California
September 2017–June 2018

- Organized and led an event including every environmental org on campus, live music, food, and games
- Trained and mentored 9 other students to be an environmental liaison for their residence hall
- Negotiated a deal for and managed a compostable materials bank for use by housing organizations

Manzanita Village Environmental Awareness Chair

September 2016—June 2017

- Planned and executed a pledge drive for ecologically friendly behavior that had over 100 participants
- Served as expert on environmental affairs on an executive board for over 1000 residents

Galileo Learning
Summer Intern

Saratoga, California
June 2015 – July 2015

- Served as an assistant to instructors in a variety of lessons centered around science, art, and physical fitness
- Conducted administrative work helping ensure the camp ran smoothly and provided an excellent experience for the campers, parents and employees
- Took leadership in extended care service during which I watched over campers in an outdoor setting

Santa Cruz Outdoor School
Cabin Leader

Santa Cruz, California
February 2013 and 2015

- Served as 24-hour primary leader for 11 campers over a four-day period
- Served as an assistant instructor in environmental studies

Skills

- **Software:** (proficient): C++, Python, GitHub, Unix; (familiar): Java, HTML/CSS, Javascript, Android Studio, C
- **Agile Methodologies**