

# Oshin Joshi

Cupertino, CA

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## Education

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**University of California – Santa Barbara**

Santa Barbara, California

*Major: Computer Science*

Anticipated Graduation: June 2020

### Relevant Courses:

- **CMPSC 165B** – Machine Learning w/ **Python**
- **CMPSC 130A + 130B** – Data Structures & Algorithms w/ **C++**
- **CMPSC 48** – Computer Science Project
  - Worked w/ a team of 4 other students using **AGILE** methodologies
  - Used version control and collaborative programming through **GitHub**
- **CMPSC 181B** – Introduction to Computer Vision
  - Use **Python** to explore tracking, image stitching and deep learning

## Projects

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- **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

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### A10 Networks

San Jose, California

*Temp Intern – GK2 Enhancements*

*June 2019 – Present*

- Work 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

Santa Barbara, California

*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 including images, text, and video

**UCSB Residential Housing Association**  
*Environmental Awareness Chair Coordinator*

Santa Barbara, California  
*September 2017–June 2018*

- Communicated with 10 environmental organizations on campus in order to coordinate an environmental fair with live music, booths with activities, food, and raffle prizes
- Trained and guided a group of nine students on how to serve as environmental liaisons for their different residence halls
- Communicated with compostable goods provider EcoProducts and negotiated a deal for the school as well as managed a compostable materials bank through the use of spreadsheets and google forms

*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 eleven campers over a four-day period
- Served as an assistant instructor in environmental studies

## **Skills**

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