

# Nishant Balaji

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## Education

### University of California, San Diego

B.S. - COMPUTER ENGINEERING

- Relevant Coursework: N/A

La Jolla, CA

Sep. 2020 - Jun. 2024 (expected)

### Folsom High School

HIGH SCHOOL DIPLOMA

- GPA: 4.35; Relevant Coursework: AP Computer Science A, AP Calculus AB, AP Physics 1, Honors Civil Engineering and Architecture

Folsom, CA

Aug. 2019 - May 2020

## Experience

### PowerSchool

STUDENT INTERN

- Assisted in organizing and running the Hour of Code community event for over 50 children of employees.
- Shadowed with various departments of the company to learn more about their work.

Folsom, CA

Jun. 2019

## Leadership & Activities

### Solar Boat

TEAM LEADER

- Worked with teammates to design and build a solar powered boat from scratch for the SMUD Solar Boat Regatta.

Folsom, CA

Aug. 2019 - May 2020

### UNICEF Club

PRESIDENT AND FOUNDER

- Founded the club and built it to have over 50 active members
- Collaborated with external event organizers to set up volunteering opportunities for club members.
- Led club meetings and worked with other officers to plan club events.

Folsom, CA

Aug. 2017 - Jun. 2020

### CyberPatriot

PRESIDENT (2019-2020) AND FORMER TREASURER (2018-2019)

- Helped train the club of 30 members to our most successful season: 4 platinum division teams and 1 gold division team.
- Led club meetings and organized competitions in collaboration with other officers.
- Worked the Cisco Packet Tracer module in personal team, along with helping others in team with Windows and Linux images.

Folsom, CA

Aug. 2016 - May 2020

## Projects

### Wake Up!

[github.com/wake-up-hacks](https://github.com/wake-up-hacks)

- Created a web-page to help increase awareness for problems in the world using MERN Stack to store and display articles. Organizations can also set up events for people to volunteer at.

### A Breast Cancer Detector!

[github.com/ABCD-hacks](https://github.com/ABCD-hacks)

- Used UC Irvine machine learning data and Flask to calculate and display whether or not a tumor is malignant or benign based on given characteristics.

### Hap.py

[github.com/happy-hackathon](https://github.com/happy-hackathon)

- Utilized the Microsoft Face API in conjunction with a Jokes API and the Twilio API to send a varying number of jokes to a user depending on their mood.

### Touch Tutor

[github.com/touch-tutor](https://github.com/touch-tutor)

- Created a virtual platform for students to find tutors and for tutors to post openings using Flask.

## Skills

**Programming** Java, C++, Python, HTML, CSS, JavaScript

**Technologies** REST APIs, Node.JS, React, MongoDB, Express, Flask, Arduino, Adobe Photoshop, Autodesk Revit, Cisco Packet Tracer

**Languages** French, Tamil