

Nishant Balaji

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EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

B.S. Computer Engineering

La Jolla, CA
Sep. 2020 - Jun 2024

FOLSOM HIGH SCHOOL

High School Diploma

Folsom, CA
Aug 2016 - May 2020

EXPERIENCE

POWERSCHOOL

Student Intern

Folsom, CA
Jun 2019 - Jun 2019

- Assisted in organizing and running the Hour of Code community event.
- Worked with over 50 children of employees to get them started on the basics of programming and Arduino.
- Shadowed with various departments of the company to learn more about their work.

PROJECTS

WAKE UP!

github.com/wake-up-uniglobe

- Created a web-page to help increase awareness for problems in the world using **MERN stack** to store and display articles.

A BREAST CANCER DETECTOR

github.com/abcd-xdhacks

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

LEADERSHIP AND ACTIVITIES

SOLAR BOAT

Team Leader

Folsom, CA
Aug 2019 - May 2020

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

UNICEF

President and Founder

Folsom, CA
Aug 2017 - May 2020

- 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.
- Volunteered at events such as:
- California International Marathon: Worked to set up and clean up the race's start line, as well as guide the over 100 thousand runners to their proper positions.
- Folsom Turkey Trot: Guided runners along the racecourse and helped set up and clean up the event.
- Eggstravaganza: Set up the egg hunt for the children before the event and helped run the egg hunt during the event.

CYBERPATRIOT

President and former Treasurer

Folsom, CA
Aug 2016 - May 2020

- 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.

HONORS

2020 State Qualifiers, SkillsUSA Regional Competition, Engineering Technology and Design

2020 State Finalist, CyberPatriot XII Competition, Platinum Division

2019 2nd Place, SkillsUSA Regional Competition, Web Design

2018 National Semi-Finalist, CyberPatriot X Competition, Gold Division

SKILLS

Programming Languages: Java, C, C++, Python, HTML, CSS, JavaScript

Other Technologies: Node.js, MERN, Flask, Arduino, Adobe Photoshop, Autodesk Revit, Cisco Packet Tracer, Linux and Windows OS, Microsoft Office

Languages: English, Tamil, French