

Jaidev Gopakumar

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Education:

University of California Santa Cruz

- Studying Computer Engineering
- Anticipated graduation at 2023

Coursework:

- CSE 30: Programming Abstractions: Python
- CSE 12/L: Computer Systems and Assembly Language
- CSE 13S/L: Computer Systems and C Programming
- CSE 101: Data Structures and Algorithms: C/C++
- CSE 50: Business Inf System: SQL

Technical Skills:

- Python
- JavaScript
- Node.js/React.js
- HTML 5
- CSS
- Java
- C/C++
- SQL and Databases
- Matlab

Experience:

Face Recognition Application

- Created a web application that finds a face in a given image using an API, and supports a login page stored in a database. This was made using JavaScript, React.js, Node.js, PostgreSQL, Express.js, HTML5, CSS
- <https://github.com/Jaidev0077/facerecognition>

CruzHacks 2020

January 20th 2020

- With a team, created an app called Insight that tracks mental health using Python with API and Node.js
- Won first place in HealthHacks category, 2nd place in Best Use of Amazon Alexa, and Honorable mention in Best Use of Google Cloud
- <https://devpost.com/software/insight-jr7cs8>

Created a personal website

- <https://jaidev0077.github.io/>
- Completely from scratch using HTML5 and CSS

Solar Panel experiments with Professor Sohail Zaidi (SJSU) using Matlab / R language

- Presented paper at Alameda Science and Engineering Fair
- Won 3rd place
- Research paper was created and published (https://apps.cur.org/ncur2018/search/display_ncur.aspx?id=104237)

Computational Biology Data analysis with Professor Sohail Zaidi (SJSU) using MATLAB/R language

- Used data analytic tools to analyze data from the WHO.
- Research paper was created and published

East Bay Chapter CS4U - President and Instructor

- Taught elementary and middle school students the basics of computer science in a fun interactive way using presentations, games and hands-on activities

Work Experience:

JEI Learning Instructor

August 2018 - June 2019

- Tutored math for elementary-middle school students