

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

Experience:

- CruzHacks 2020 January 20th 2020
 - Created app 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
- Created a personal website
 - 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 World Health Org.
 - Research paper was created and published
- East Bay Chapter CS4U - President and Instructor January-March 2018
 - Taught elementary and middle school students the basics of computer science in a fun interactive way using presentations, games and hands-on activities
- Science Alliance - Mentor December 2017-June 2018
 - Year-long commitment to an elementary school student, to help him/her prepare an original science fair project and understand the scientific process
- Imagineering - Mentor September 2017-June 2018
 - Worked as a high-school mentor at SRVEF Imagineering class, supporting the teachers and helping the participants learn multiple STEM related topics

WORK EXPERIENCE

- JEI Learning Instructor August 2018 - June 2019
 - Tutored math for elementary-middle school students

Technical Skills:

- Proficient in Python, Java, C++, MATLAB, Unity, HTML 5, CSS, Javascript, React.js, Node.js
- Basic experience in MySQL and Assembly