

Surabhi Gupta

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EDUCATION San Jose State University, B.S Software Engineering - Class of 2023

RELEVANT COURSEWORK OOP in Java & C/C++, Data Structures, Javascript & Web Design

EXPERIENCE

SJSU Robotics - *Control Systems Member*

August 2019 - Present

- Developing embedded firmware for a rover designed to travel on Mars.
- Designing rover arm to perform motions by moving servos and handling remote communication. Utilizing C/C++ and concepts from linear algebra.

SJSU Software and Computer Engineering Society - *Development Team Member*

August 2019 - Present

- Developing the club's new website using React.js to allow members to add profiles and access personal information (locker codes, club duties etc).
- Collaborating with a team of 5 software engineering students to execute this project.

SJSU Society of Women Engineers - *WOW! That's Engineering Conference Chair*

August 2019 - Present

- Organizing an engineering conference for encouraging high school girls to join STEM.
- Responsible for contacting companies for sponsorships and guest speakers.

SiliconValley4U - *STEM Educational Instructor*

June 2018 - August 2018

- Responsible for class of 40 elementary and middle school level students
- Taught Python, 3D printing and Robotics. Created clear and concise lesson plans.

Agents of Change - *STEM Agent*

April 2017 - June 2019

- Volunteering organization. Founder member of the STEM Advocacy committee.
- Drove 2 projects: STEM Experiments for Underprivileged Children and Reading Sessions.

AWARDS & CERTIFICATES

- Cisco Internet Engineering Course Completion - 2019
- Cisco CCNA Cybersecurity Operations Course Completion - 2019
- Presidential Award (Silver; 90 hours) - 2017