

# Sai Kolla

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High School Student

## Experience

- **Code Ninjas Code Sensei, Pleasanton, California (December - March 2020)**
  - Teaching children game development using Javascript and JQuery. I taught the children a preset curriculum, which I had to master first. I also gave tours to new coming students and parents, presenting the highlights of the dojo (coding school).
- **Freelance Code Instructor, Dublin, California (2019 - present)**
  - During summers, teaching HTML, CSS, Python, and Java to children in my community. I usually held a 10 week program where students would finish with a big project that incorporates everything I taught them. website: [saiscodinglessons.netlify.com](http://saiscodinglessons.netlify.com)
- **Alameda County ITD Intern (June - August 2021)**
  - Created a site for Alameda county residents to claim an uncashed warrant. I used vuejs to create the site.
- **Volunteering**
  - 70 Volunteer Hours through Key Club at Dublin High School (2019 - present): We did everything from helping out with the christmas tree at the city hall to helping fundraise for the people that lost their homes in the fires that went on in california
  - 100 Volunteer hours from Shiva Vishnu Temple, Livermore, CA 94551 (2019 - present): I handed out food, helped with prayers, and directed people in the parking lot.
  - 30 Volunteer hours from other organizations and clubs.

## Education

- **Dublin High School**
  - Relevant Courses: Introduction to Engineering Design , Honors Principles of Engineering, AP Computer Science Applications (In progress)
  - Engineering Academy of Dublin High School class of 2022
- **Las Positas College**
  - Relevant Courses: Introduction to Java, Introduction to C++, Introduction to Python
- **Foothill College**
  - Introduction to Javascript programming
- **UC Scout**
  - Relevant Courses: AP Computer Science Principles

## Skills

- HTML  
- CSS  
- Javascript  
- Java  
- C++  
- Autodesk  
Inventor  
- Arduino

## Achievements

### Programming

- Hosted Dubhacks Hackathon  
- 2nd place at Mission Hacks  
- Best Website at Launch Hacks  
- Best Categorical Project at ExpoHacks II  
- Best Pitch at SolarHacks  
- various programming projects

### Other

- Black Belt in Kuk Sool Won Martial Arts

## ExtraCurricular Activities

- **Clubs**
  - Secretary of Key Club, Dublin High School (2019 - 2020): I kept a record of all the students volunteering hours, the activities the club has participated in that year, and I helped lead the weekly meetings we had at school.
  - Vice president of external affairs of National Honors Society, Dublin High School, (2019 - 2020): I helped organize events that we plan on taking part of, kept a record of members that have been inducted, and helped lead the weekly meetings we had at school.
- **Other Activities**
  - Director of Technology and Sponsorships of Dubhacks Hackathon (2020 - present): I was the lead in creating the website for the hackathon. I led a team that would get sponsorships for our hackathon. I made all of the negotiations with big sponsors and oversaw all of the negotiations made by my team.
  - Track and Field (2019): I ran a long distance track which included the 800 meter, 1 mile, and 2 mile. I also did the 4 x 400.

## Projects

- **Programming**
  - Developed a Website that finds colleges that are suitable for a Student based on student's academic statistics: [College Match Website](#)
  - Netlogo simulations of an alternative energy car, mechanical winch, and a paper rocket
  - Abstractive text summarizer from images and text with Python using OCR (Optical Character Recognition) and Tensorflow
  - Dub Hacks Hackathon Website: [Dubhacks 2020 Website](#)
- **Autodesk Inventor**
  - Models of a car made of recyclable materials, a concept for a toy train, and a redesign of the original palm pilot