Justin Thai

Dublin, California
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Computer software programmer looking for work experience in the industry.

Education:

Dublin High School, *Dublin, CA*   3.98 GPA
- High School Diploma, Class of 2020
- Member of Engineering Academy in Computer Science branch

Classwork:
- AP Computer Science Applications
- Honors Digital Electronics
- Honors Principles of Engineering
- Computer Science Principles
- AP Calculus AB

Skills:

- Proficient in programming
  - Java
  - Python
  - Command Line for Linux
  - HTML / CSS

Activities:

- Piano—Achieved Certificate of Merit Advanced level
- Kung Fu
- Tri Valley Aquatics Swim Team

Volunteer Experience:

California Academy of Sciences:
Teen Advocates for Science Communication
June 2019 – Present
- Facilitate hands-on learning experiences for the public
- Promote conservation and sustainability through education
- Organize activities for special events
- Engage museum visitors of all ages

Projects:

BackpAQ Personal Air Quality Monitor:
Internet of Things data collection project
Jan 24, 2020 – Present
- Design portable air quality sensors
- Gather large quantity of data with detail and accuracy from our community
- Information is sent to central server for research purposes

AP Computer Science Applications:
Recipe App
February 11 – April 11, 2019
- Created a mobile app to provide recipe recommendations
- Designed the format information about ingredients and recipes are stored in the app with reading efficiency in mind
- Wrote the functionality for inputting ingredients and recommending recipes

Honors POE:
Machine Control—Elevator Project
April 19 – May 4, 2018
- Designed a model elevator that services three floors with sensors and buttons to operate the model
- Responsible for setting up the sensors for the elevator
- Was in charge of programming the microcontroller to move the elevator to the desired floors

Computer Science Principles:
Hangman Game
February 9 – February 15, 2017
- Designed a Python game in which the user inputs letters or words to guess the hidden word chosen by the game
- Programmed the code that analyzed the user input to compare the guesses to the keyword