

Kyle Java

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PROJECTS

Elementovate - GrizzHacks

Sept. 2020

- A mobile application that allows students to use the periodic table in a more simple and efficient way for learning and studying purposes
- Developed the UI/UX using Flutter in Android Studio, as well as use external Flutter packages
- Demoed the app and was awarded the “Best Education Hack”

Google Computer Science Summer Institute Extension

July 2018 – Aug. 2018

- Participated in a three-week course that taught basic concepts of HTML, CSS, JavaScript, and Python
- Developed a cooking recipe web application using HTML, CSS, and JavaScript
- Led the Front-End Development on a team of five

Personal Project: SimplePianoKeys - Website

Aug. 2018 – Oct. 2018

- Created an interactive website that allows the user to play the piano online
- Created the webpages and designed through HTML and CSS
- Developed the backend using the language Python, and utilized the Jinja web template
- Deployed the website using Google App Engine

Personal Project: Raspberry Pi Weather Machine

Jan. 2019 – Feb. 2019

- Created a Python program that showed the weather of a user’s location
- Retrieved the weather based on the user’s inputted zip code or city through the OpenWeatherMap API
- Displayed the weather of various locations by attaching 16x2 LCD screen on the Raspberry PI through GPIO pins

EDUCATION

California State University of San Marcos · San Marcos, CA

Aug. 2018 – Present

Bachelor of Science – Computer Science

GPA 3.35

Awards: Dean’s List: Fall 2018 & Spring 2019

Coursework: Computer Science I & II (C++), Assembly and Digital Circuits(MIPS), Data Structures & Algorithms

Clubs: Technical Lead for Developer Student Clubs(2019 - Present)

EXPERIENCE

STEM Tutor - CSUSM STEM Success Center

Jan. 2020 – Present

- Tutor students in various Computer Science and Math concepts
- Reinforce key concepts in C++ and Calculus

SKILLS

Languages

- C++, Python, HTML, CSS, JavaScript, Dart

Tools

- Bootstrap, Kivy, Flutter, Git, UNIX, UI/UX, Atom, Flask, Android Studio