Kyle Edward Java

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EDUCATION

California State University San Marcos   San Marcos, CA
Bachelor of Science – Computer Science   *Expected - May 2022*
Awards: Dean's List: Fall 2018 & Spring 2019
Relevant coursework: Computer Science I & II (C++), Assembly and Digital Circuits(MIPS), Data Structures & Algorithms, Programming Languages

TECHNICAL SKILLS

Programming Languages: C++ Python HTML CSS JavaScript Dart

Frameworks: Flask Bootstrap Django Kivy

Databases: MongoDB

Tools: Flutter Git/GitHub Atom Google UNIX Cloud Platform

PROJECTS (More on LinkedIn)

Our Artistic Space - Hacks And Crafts   Nov. 2020
- Managed a team of three in developing a website specializing in locating local art galleries in a user's area in order to strengthen the art community
- By using Flask and the Yelp API, the user was able to input their location as well as receive information about various art galleries
- Demoed the project and was awarded for "Best Beginner Hack"

Elementovate - GrizzHacks   Sept. 2020
- A mobile application that allows students to use the periodic table in a more simple and efficient for studying and learning 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"

Raspberry Pi Weather Machine   Jan. 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 by attaching 16x2 LCD screen on the Raspberry PI through the GPIO pins

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

EXPERIENCE

STEM Tutor - CSUSM STEM Success Center   Jan. 2020 – Present
- Tutored hundreds of Computer Science students in lower and upper division courses
- Helped solidify student's understanding in Computer Science topics, such as Data Structures and Algorithms

Technical Lead - Developer Student Clubs   Dec. 2019 – Present
- Collaborated with other leads in planning events, meetings and technical workshops
- Hosted a technical workshop teaching over 20 students the fundamentals of App Development with Flutter