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EXPERIENCE

Computer Science Club Parter and Tutor

Los Angeles, CA

May 2021 – PRESENT

Mount San Antonio College

- Help students debug and process their programs in Mount San Antonio College's computer science classes with topics of Data Structures and Algorithms.
- Giving transfer advice to CS students in Mount San Antonio College and guide them through the transfer process by hosting workshops with Computer Science club officers.

Computer Science Club Officer

Los Angeles, CA

January 2020 – May 2021

Mount San Antonio College

- Helped students debug and process their programs in Mount San Antonio College's computer science classes with topics of Data Structures and Algorithms.
- Hosted workshops with purpose of expanding students' interests toward Computer Science topics especially about Front-End Development with REACT and Android Development with JAVA.
- Formed different student groups and contributed to different side-projects with their interests.

EDUCATION

1. University of California, San Diego (GPA: 3.9/4.0)

La Jolla, California/United States

Bachelor of Science in Computer Science

Expected graduation in June 2024

- **Relevant Coursework:** Linux Coding (CSE 15L), Advanced Data Structure (CSE 100), Theory of Computation (CSE 105), Computer and Design Technique for Digital System (CSE 140), Software Engineering Techniques (CSE 110), Natural Language Processing (CSE 156).

PROJECTS

Academic Projects:

- Built a Logo Editor "Logo Maker" that allows users to create custom logos with 13 customizable proper properties including text, font, sizing, positioning, opacity, and color by using C++ & SFML.
- Android App "Zoo Navigation" that helps user to plan the best route and have the best experience in the San Diego Zoo by using Android Studio with JAVA language.

SKILL, ACTIVITIES & INTERESTS

Language: Mandarin, English

Tools: GIT, GitHub, Android Studio, JUnit, Espresso, Robolectric, ZenHub, GitHub Actions CI.

Technical Skills: C++, Java, Python, Assembly Languages, SQL, Linux, Android Development, HTML/CSS/JavaScript.

Activities: Badminton Team, Computer Science Club officer, Multiple Hackathons Competitions

Certification (Coursera):

- Technical Support Fundamentals
- Ordered Data Structure
- Unordered Data Structure
- Accelerated Computer Science Fundamentals Specialization

Techniques:

- Agile software process, Behavior-Driven Development (BDD)
- Mobile software development
- Unit testing, object mocking, continuous integration
- Basic object-oriented design, Single Responsibility Principle, Dependency Inversion, Open-Closed Principle
- Design Patterns: Strategy, Adapter, Observer, Model-View-Present