

Alan Cortez

Santa Ana, CA | 714-829-7071

cortez.alan060@gmail.com | [linkedin.com/in/AlanCortez1337](https://www.linkedin.com/in/AlanCortez1337) | alancortez.dev

Education

California State University, Fullerton

August 2020 - May 2024

Bachelor of Science in Computer Science

Fullerton, CA

Skills & Relevant Coursework

Skills: HTML5 | CSS3 | Javascript | React | Svelte | C++ | Git

Tools: Github | Visual Studio Code | Figma

Relevant Coursework: Comp Org & Assembly Lang, Object-Oriented Programming, Data Structures, Web Front-End Engineering, Software Engineering

Experience

California State University, Fullerton

August 2022 - Present

Supplemental Instruction Leader

Fullerton, CA

- Communicate complex **C++** concepts to students of varying levels in weekly sessions.
- Develop engaging exercises for students to comprehend **object-oriented** concepts based on lecture.

ACM Chapter at CSUF

May 2022 - Present

ACM Design President

Fullerton, CA

- Orchestrate a team to develop and communicate instructional workshops on **advanced CSS concepts, Figma design recommendations, and UI/UX abstractions** for the largest computer science organization on campus with **over 1000 members**.
- Produce and design **mockups, prototypes** and **weekly promotional content** using **Figma** to enhance our social media presence alongside an engaging experience on the official chapter website.

Projects

ACM Team Quiz | *Svelte, Typescript, CSS*

- Spearhead the integration of an interactive responsive web application which compiles user responses to match to an appropriate team according to their abilities and interests.
- Used by hundreds of people in the open-source ACM Chapter at CSUF website.

Case Clicker | *JavaScript, React, CSS, Framer Motion*

- Adaptive **client-side rendered cross-browser game** which utilizes the **local storage API** in order to compare and challenge players to beat their previous high score.
- Using **custom reusable React hooks** to manage state and logic for a seamless user experience.

ILXL-PPR Community | *C++*

- Engaging informative beginner tutorial covering **C++ for loops** for students to experiment.
- Includes template code and optimized unit tests for a **two to three hour learning experience**.

Discord Bot | *Python, REGEX*

- Interactive event listener which consistently **reads over hundreds of messages** and compares them with **REGEX** to trigger unique engaging events for users.