

# ALEJANDRO CHANOCUA

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## Education

### California State University, Los Angeles

Sept 2020 - May 2022

#### Bachelor of Computer Science

- **Courses:** Algorithms, Web Development, Machine Learning, Databases, Operating Systems
- Dean's List

### Fullerton College

Sept 2017 - May 2020

#### Pursuing Bachelor of Computer Science

- **Courses:** OOP in C++, Data Structures, Assembly Language Programming

## Skills

Languages: Javascript, HTML, CSS, Python, C++, SQL

Technologies: ReactJS, NodeJS, ExpressJS, VSCode, Firebase, MongoDB, GitHub, PostMan

## Experience

### BOE Sidewalk Assessment System

Los Angeles, CA

Project Lead, Mobile UI Developer – Mobile UI Team

Sept 2021 – May 2022

- Led and managed 9 students to create software that manages the priority of repairs of sidewalks.
- Directly communicated with the Bureau of Engineering to reach design and requirement agreements.
- Designed and developed mobile UI using **HTML**, **CSS**, **JavaScript**, **rosLibJS**, and **Bootstrap**.
- Developed mobile UI that initiates data collection, rover control, and packaging of sidewalk data.
- Contributed to creating a backend service that provides API support for the front-end web app.
- Wrote bi-weekly reports to stakeholders containing concise project updates, roadmap, and goals.

### Ultra

Fullerton, CA

Developer – Personal Project

May 2022 – Present

- Designed and developed an image-sharing website that uses user profiles to allow image posts.
- Built frontend using **ReactJS**, **Material UI**, **HTML**, and **CSS** to provide a responsive design.
- Leveraged **Firebase** to use as a backend, authenticate users and make Firestore queries.

### Football Search API

Los Angeles, CA

Developer - School Project

April 2022 – May 2022

- Developed API using **NodeJS**, **JavaScript**, and **Express** to provide football stats of a given team and players.
- Built API using **REST** principles that supplies an independent solution flexible to different front-ends services.
- Implemented custom **Node** module to use 3<sup>rd</sup> party API, **SerpAPI**, that returns filtered sports results.
- Created algorithms to process 3<sup>rd</sup> party API returned data that returns correct request data.

### Personal Portfolio Website

Fullerton, CA

Developer - Personal Project

May 2022 – May 2022

- Built a personal website that displays personal projects and contact info.
- Utilized **ReactJS**, **HTML**, **CSS**, **React-Router**, to create responsive webpages that adjust to different views.