

ALEJANDRO CHANOCUA

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Education

California State University, Los Angeles Bachelor of Computer Science

Sept 2020 - May 2022

- **Courses:** Algorithms, Web Development, Machine Learning, Databases, Operating Systems
- Dean's List (3/5 semesters)

Fullerton College Pursuing Bachelor of Computer Science

Sept 2017 - May 2020

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

Skills

Languages: Javascript, HTML, CSS

Familiar With: Python, C++

Technologies: ReactJS, NodeJS, ExpressJS, MySQL, MongoDB, VSCode, GitHub

Experience

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.
- Developed backend using **NodeJS**, **Express**, & **JavaScript** to authenticate users and make DB queries.

BOE Sidewalk Assessment System

Los Angeles, CA

Project Lead, Mobile UI Developer – Mobile UI Team

Sept 2021 – May 2022

- Led and managed a team developing software by categorizing the priority of repairs for sidewalks.
- Communicated through requirements and design with project liaisons for later implementation.
- Designed and developed mobile UI in **HTML**, **CSS**, **JavaScript**, **rosLibJS**, and **Bootstrap**.
 - Developed mobile UI to initiate data collection, rover control, and packaging of sidewalk data.
- Assisted with designing DB schema and backend API for data retrieval for other project services.
- Created bi-weekly reports for Bureau of Engineering liaisons by managing updates and future goals.

Football Search API

Los Angeles, CA

Developer - School Project

April 2022 – May 2022

- Developed API using **NodeJS**, **JavaScript**, and **Express**, for football stats of a given team and players.
 - Built API using **REST** principles.
- Implemented custom **Node** module to use 3rd party API, **SerpAPI**, that returns unfiltered sports results.
- Developed algorithms to process 3rd party API returned data that returned correct data of request.

Personal Portfolio Website

Fullerton, CA

Developer - Personal Project

May 2022 – May 2022

- Designed and developed a personal website to display personal projects and contact info.
- Built a website using **ReactJS**, **HTML**, **CSS**, and implemented multiple pages using **React-Router**.