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 (3/5 semesters)

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
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 **Firebase** to authenticate users and make Firestore 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 stakeholders 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 to return correct request data.

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.**