

Jorge Verduzco

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Education

California State University Northridge | *Bachelor of Science in Computer Science* Aug 2019 - May 2023

Dean's List (Spring 2020 - Spring 2021, Fall 2022 - Spring 2023) (GPA: 3.61)

Coursework: Adv. Web Eng., Database Design, Multimedia Systems Design, Language Design and Compilers, Combinatorial Algorithms, Human-Computer Interaction, Intro to Software Eng., Adv. Data Structures

Experience

Community Engagement Volunteer - Nonprofit Org

Summer 2018

Salvadoran American Leadership and Educational Fund / Los Angeles, CA

- Collaborated with a diverse team of volunteers and staff, committed to making a positive impact by bridging gaps and providing valuable resources to underserved communities
- Actively informed parents about citizenship services and students about Summer Bridge programs

Projects

Street Vending Business Locator

Apr 2023 - May 2023

- Built a Food/Merch web application with a focus on street vendors in Los Angeles
- Developed using **React**, **JavaScript** for the front-end, and **Express**, **Node** for the backend
- Integrated Google Maps API to enable location-based services alongside Yelp API
- Implemented **Google Firebase SDK** to enhance functionality by integrating our own street vendor data

Multimedia System Design - Marks Automation Script

Jan 2023 - May 2023

- Built an automation script using **Python**, that automates 4 manual positions in a matter of seconds
- Code reads proprietary data from Baselight and Flame machines to compute frame filesystem locations
- All requests saved to **MongoDB** and can be used for data analysis and worker efficiency
- Exports are basic **CSV** files to **XLS** files with timecode and thumbnail preview that can be uploaded to **Frame.IO** and/or **Shotgrid**

DMCA-Free Music Player

Aug 2022 - May 2023

- Developed a full stack DMCA-free music player that allowed streaming of non-copyrighted music
- Utilized **MongoDB** for efficient data storage, ensuring smooth retrieval and management of music metadata
- Employed **React.js** on the front-end and **Node.js** for back-end

Video Rental Shop Inventory Management System

July 2021 - Aug 2021

- Developed a **Java**-based application to simulate and manage the inventory of a video rental shop
- Implemented a system to store and update data on movies, including stock and waitlist

Skills

Programming: Python, Java, JavaScript, HTML, CSS, React, Node.js, MongoDB, Firebase, SQL

Development Tools/others: VS Code, Eclipse, IntelliJ, PyCharm, Git, Jira, Postman, Trello, Figma