

Lennon Cruz

SOFTWARE ENGINEER

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Education

University of California, Davis

B.S. IN COMPUTER SCIENCE

Davis, California

Aug. 2019 - Mar. 2023

Technical Skills

Languages: C++/C#/C, Python, JavaScript, HTML/CSS

Frameworks: Node.js, Next.js, Express, React, Strapi, Heroku, Cloudinary, Vercel

Relevant Coursework: Programming, Object-Oriented Programming, Data Structures, Web Programming, Algorithm Design & Analysis, Computer Architecture, Machine Dependent Programming, Discrete Math for CS, Probability & Statistics Modeling for CS, Operating Systems, Programming Languages, Human-Computer Interactions, Computational Linguistics, Computer Networks, Gameplay Programming

Experience

Include

Davis, California

BACKEND DEVELOPER

Oct. 2021 - Current

- Developed the backend for a Recipe App using Express, Node.js, and the Edamam API.
- Collaborated with fellow backend developers for the New Viet Nam Studies Initiative's (NVSI) website.
- Utilized Strapi Content Management System, Heroku, and Cloudinary as the backend of the NVSI site.

Projects

Reclaim

ECS 189L

UNITY, C#

Jun. 2022

- Parsed through a CSV file utilizing the Pandas library to retrieve show information.
- Collaborated with other developers to create a Python program which gave show recommendations.
- Utilized the MyAnimeList (MAL) API to retrieve a user's watchlist and give recommendations accordingly.

Blog Website

Personal Project

STRAPI, JAVASCRIPT, HEROKU, CLOUDINARY, NEXT.JS, VERCEL, GIT

Apr. 2022

- Implemented Strapi Content Management System to manage and create blog posts
- Setup deployment of the Strapi Content Management System onto Heroku and handled media uploads to Cloudinary.
- Built and implemented frontend utilizing Next.js and deployed onto Vercel

New Viet Nam Studies Initiative (NVSI) Website

Include

STRAPI, JAVASCRIPT, HEROKU, CLOUDINARY, NEXT.JS, GIT

Mar. 2022

- Implemented Strapi Content Management System to manage and create different content-types.
- Setup deployment of the Strapi Content Management System onto Heroku and handled media uploads to Cloudinary.
- Collaborated with backend developers in creating query functions to connect backend with frontend.

Recipe App

Include

NODE.JS, EXPRESS, REACT, EDAMAM API, GIT

Nov. 2021

- Developed the backend of the application with Node.js and Express.
- Utilized the Edamam API to create GET requests to retrieve recipe information.
- Collaborated with frontend developers to display recipe information using Node.js.

RX-Time

HackDavis 2021

JAVASCRIPT, GOOGLE CALENDAR API, GOOGLE VISION API, C++

Jan. 2021

- Developed a web-based application which utilized the Google Vision API to read prescription label information.
- Utilized prescription label information to create reminders with the Google Calendar API.

Operation Pantry

HackDavis 2020

FIREBASE, ARDUINO, RASPBERRY PI, GATSBY

Jan. 2020

- Google Cloud Award finalist project which kept real-time track of pantry inventory.
- Utilized Google's Firebase, an Arduino, and a Raspberry Pi along with a small weight sensor.
- Implemented frontend of the website using Gatsby.