

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.

Juni Learning

Remote

COMPUTER SCIENCE INSTRUCTOR

Jul. 2022 - Current

- Worked directly with students from ages 8-13 weekly, teaching online private coding courses in Python, PyGame, and Scratch.
- Simplified complex Computer Science problems tailored to each students' best method of learning to help build a good coding foundation.

Best Buy

West Covina, California

GEEK SQUAD CONSULTATION AGENT

Aug. 2021 - Sep. 2021

- Helped customers with various technologies such as laptops, Apple products, and smartphones.
- Utilized diagnostic tools such as GSX2 to diagnose and advise on issues with Apple products.
- Made appointments with clients and helped with drop off and pickup of their devices.

Projects

Reclaim

EC5 189L

UNITY, C#

Jun. 2022

- Collaborated with 6 other developers to create a Combat based Rhythm game.
- Implemented a sound engine to properly play sound effects and music wherever needed.
- Setup various input points during dialogue and sidescrolling portions of the game, along with optimizing timings for keypresses.

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.

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.