DAVID LEE

Computer Science at UCLA - GPA: 3.77

I'm a software engineer with experience in full stack development, and the founder of the largest electronic music organization at UCLA. I also enjoy engineering music and graphic design, which I use often in my work as a software developer.

skills

Frameworks
React, Node, Express, JUCE

Front-end Development
HTML, SCSS, JS

Code & Data
Python, C++, Git, MongoDB

Graphics & Design
Photoshop, Premiere, Figma, DaVinci

CMS
WordPress, Cargo

contact

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- github.com/dxvidio

languages

English — native

Mandarin — proficient

Korean — proficient

experience

dxvidio.com — 09/2023 –> present
- Coded dynamic portfolio site from scratch –> React, SCSS, Photoshop

Travel Oasis — 08/2023 –> present
- Developed and optimized website for Travel Oasis, a real estate LLC established in 2020 –> CMS, HTML, CSS
- Designed website elements and edited estate photos to match Travel Oasis color palette –> Adobe Photoshop
- Implementing mySQL database to organize and process user information so users can book directly on the website –> mySQL

DAW.digital — 12/2021 –> present
- Founded and led UCLA's largest electronic music organization
- Hosted 10+ major music events, concerts, and workshops with hundreds of attendees annually and garnered over 1K followers across social media
- Contributed to organization website formatting, dynamic content, and embedded audio player –> HTML, CSS, JS

HEADroom — 04/2023 –> 07/2023
- Developed HEADroom, a gain utility plugin for creating headroom on mixes before a mastering session –> JUCE, C++
- Coded internal audio processing of samples and input channels, along with external slider and visualizers used to control the plugin

Bruin Rides — 10/2022 –> 12/2022
- Worked in a team to develop Bruin Rides, a web app that helps UCLA students save money by coordinating ride share groups –> MERN stack
- Led team in front-end design of web application –> React
- Contributed to ride form data organization in back-end –> MongoDB

education

Relevant coursework
- Algorithm Design, Software Construction, Object Oriented Programming, Data Structures, Computer Architecture, Operating Systems, Programming Languages, Computing Theory