



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 music technology 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, NextJS, NodeJS, ExpressJS

Front-end Development

HTML, SCSS, JS

Practical Experience in

Python, C++, Git, MongoDB, JUCE

Graphics & Design


Photoshop, Premiere, 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 DAW in 2021, now the largest music technology organization at UCLA with over 1K followers across social media
- Worked with executive team to plan and execute instructional workshops and performance sets
- 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