

David Lin

Portfolio: lindavid1998.github.io/portfolio | GitHub / LinkedIn: lindavid1998 | lindavid1998@gmail.com

Education

Georgia Institute of Technology

Master of Science: Computer Science (Remote)

Expected Graduation: 2026

University of California, San Diego

BS/MS: Chemical Engineering

Graduated: June 2021

GPA: BS – 3.93 (Magna Cum Laude) | MS – 3.86

Personal Projects

AllFields

Aug 2023 – Present

JavaScript, HTML, CSS, React.js, Firebase

<https://allfields-570a5.web.app/>

- Developing a CRUD web app inspired by AllTrails for soccer enthusiasts where users can create accounts, look up soccer fields, and post field conditions
- Building the frontend with React and Styled Components, while utilizing Firebase for the backend, which includes Realtime Database for data management, Cloud Storage for images, and Authentication
- Working on enhancing the app by adding features like editing/deleting user posts and expanding field condition reporting capabilities

Where's Waldo

May 2023 – Jul 2023

JavaScript, HTML, CSS, React.js, Jest

<https://lindavid1998.github.io/wheres-waldo>

- Developed an interactive photo-tagging web app based on the Where's Waldo game
- Employed React Redux for state management resulting in smooth interactivity

Snowboard Shop

Apr 2023 – May 2023

JavaScript, HTML, CSS, React.js, Jest

<https://lindavid1998.github.io/snowboard-shop>

- Created a snowboard shop page where users can look up and add items to cart, utilizing React Routing for site navigation
- Implemented snapshot and unit testing with Jest and React Testing Library

Weather App

Jan 2023

JavaScript, HTML, CSS

<https://lindavid1998.github.io/weather-api-demo>

- Utilized the OpenWeatherAPI to create a weather forecasting app

To Do List

Nov 2022

JavaScript, HTML, CSS

<https://lindavid1998.github.io/to-do-list>

- Developed web app for task and project management based off Todoist
- Implemented local data storage through the web storage API

Work Experience

Illumina

San Diego, CA

Process Development Engineer II

June 2021 – Present

- Created a Python script to parse data logs and generate trend charts for process control monitoring

Skills

Programming: JavaScript, HTML, CSS, React, Redux, Jest, Webpack, Python, Git, Firebase, APIs, SQL

Certificates: Georgia Tech's Data Structures and Algorithms (Java)