David Lin

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

Education

Georgia Institute of Technology   **Expected Graduation: 2026**
Master of Science: Computer Science (Remote)

University of California, San Diego   **Graduated: June 2021**
BS/MS: Chemical Engineering   GPA: BS – 3.93 (Magna Cum Laude) │ MS – 3.86

Personal Projects

AllFields   **Aug 2023 – Nov 2023**
JavaScript, HTML, CSS, React.js, Firebase   https://allfields-570a5.web.app/
- Developed a CRUD web app inspired by AllTrails for soccer enthusiasts where users can create accounts, look up soccer fields, and post field conditions
- Built an interactive and responsive frontend with React and Styled Components
- Utilized Firebase for the backend, including Authentication, Realtime Database for data management, and Cloud Storage for images

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 game based on Where's Waldo
- Implemented Jest for comprehensive testing, ensuring robust functionality and minimizing bugs
- Leveraged React Redux for centralized state management

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
- Utilized React Router for client side navigation
- Integrated 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 web app

To Do List   **Nov 2022**
JavaScript, HTML, CSS   https://lindavid1998.github.io/to-do-list
- Developed a task management web app based off Todoist, using the web storage API for local data saving

Work Experience

Illumina   **San Diego, CA**
Process Development Engineer II   June 2021 – Present
- Created a Python script using pandas and NumPy to parse data logs and generate charts for process control

Skills

Programming: JavaScript, HTML, CSS, React, Redux, Jest, Python, Git, Firebase, APIs, SQL, Express, Mongoose, MongoDB, Node.js
Certificates: Georgia Tech's Data Structures and Algorithms (Java)