

Vincent Huang

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Education

University of California, Davis

Bachelor of Science, Computer Science and Statistics. GPA: 3.917

Davis, CA

September 2020 – June 2024

Technical Skills

Programming: HTML, CSS, JavaScript, Node.js, React, React Native, Python, Java, C++, C#, R, SQL

Other Skills: AWS, Git, Figma, Lucidchart, Microsoft Office

Operating Systems: Windows 7 / 8 / 10 / 11, Linux

Experience

Avenu

New York, NY

Software Engineering Intern

January 2022 – Present

Engineered features and UI/UX for mobile and mobile-web applications with React, React Native, and Firebase. Collaborated with cross-functional teams to design and implement responsive web and mobile designs. Built reusable components, views, and controllers and managed states using redux. Worked with RESTful API's and AJAX to integrate functionality.

San Jose State University

San Jose, CA

Front-End Developer Intern

June 2022 – September 2022

Designed and developed 20+ webpages for multiple projects using technologies such as Figma, HTML, CSS, JavaScript, and React. Enhanced user experience and fulfilled web application objectives by creating site structure, navigation, and functionality with the backend. Worked with professors, development leads, and other software developers to build 40% of business requirements.

University of California, Davis

Davis, CA

Computer Science Tutor

September 2021 – June 2022

Tutored for UC Davis students by providing support and guidance to students in lower division courses such as Object-Oriented Programming and Data Structures. Reviewed and delivered course material, explained exercise and homework solutions, and held one-on-one and group sessions to provide feedback and give guidance. Improved students' overall grades by an average of 20% and helped several struggling students obtain passing grades.

Leadership & Activities

Davis Data Science Club

Davis, CA

Technical Officer

September 2022 – Present

Provided programming support for student project teams in Data Science, Machine Learning and Artificial Intelligence. Worked closely with technical team members to clean and prepare datasets, train statistical models and improve the performance of the models. Organized and led Data Science workshops to educate club members on various skills.

UC Davis Plant Sciences Department

Davis, CA

Computer Web Assistant

September 2022 – Present

Developed and maintained websites for the UC Davis Plant Sciences Department, utilizing SiteFarm to create new features and archive past articles and publications. Communicated with professors and other students to publicizing research and information through website development and maintenance.

Personal Projects

Recipe Keeper

<https://play.google.com/store/apps/details?id=com.recipeKeeper>

<https://github.com/vhcent/Recipe-Keeper>

A full-stack mobile app made from React Native, Node.js, AWS, MySQL, and Auth0 which features the searching of recipes based on pantry ingredients using the Spoonacular Recipe API. Built a multi-endpoint HTTP API using Amazon Web Services such as Lambda, API Gateway, and RDS with input validation and authorization using JWT tokens. Designed an SQL database to store user and recipe info. Used OAuth from Auth0 to support a login user system which secured API endpoints.

Sorting Algorithm Visualizer

<https://sortingalgorithvisual.herokuapp.com>

<https://github.com/AroopBiswal/Sorting-Algorithm-Visualizer>

A front-end website built in React that visualizes multiple classic sorting algorithms such as quick sort, merge sort, heap sort, etc. Included options to adjust speed of visualizations and element size.

Pathfinding Algorithm Visualizer

<https://pathfindingalgorithvisual.herokuapp.com>

<https://github.com/AroopBiswal/Sorting-Algorithm-Visualizer>

A front-end website built in React that visualizes multiple classic sorting algorithms such as quick sort, merge sort, heap sort, etc. Created options to adjust speed of visualizations and element size.

Language Skills & Interests

Languages: Mandarin

Interests: Volleyball, Wushu, Piano, Manga Comics, Video Games