

David Wu

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LinkedIn: <https://www.linkedin.com/in/davidwu92/> | **Github:** <https://github.com/davidwu92>

Portfolio: <http://davidwu.herokuapp.com/>

Math and Science Teacher turned Full Stack Web Developer with a passion for learning and writing functional code. Avidly resourceful problem-solver, expeditious learner, and amicable team player with a forte in using complex reasoning to tackle coding challenges.

Technical Skills

Languages: HTML, CSS, JavaScript

Frameworks: NodeJS, ReactJS

Database Management: MongoDB, Mongoose, MySQL

Tools: jQuery, Bootstrap, Materialize, Git, command line, RESTful APIs, GraphQL, socket.io

Projects

Harmonize | github.com/davidwu92/Harmonize2 | harmonizers.herokuapp.com/

- MongoDB/Express/ReactJS app built to create a networking community for musicians. Features customizable profiles, gig postings, and user connections.
- SCRUM master, full stack developer. Responsible for profile editing capability, new user registration, gig postings page, search page, and a myriad of other features.

Paytrack | <https://github.com/davidwu92/PayTrack> | <https://paytrackapp.herokuapp.com/>

- Full-stack React app for organizing and tracking financial events on a calendar.
- Features customizable tags, recurring payment/income management, tables and graphical summaries of the user's budget. Sole developer and innovator behind the app.

Liars' Dice | <https://github.com/davidwu92/liarsDice> | <https://liars-dice-app.netlify.app/>

- Responsive multiplayer game created with socket.io and ReactJS, played in the browser.
- Features live chat rooms and intuitive UI for a gratifying multiplayer experience.

Experience

Math and Science Teacher/Mentor

2015-2020 | Fusion Academy | Mission Viejo, CA

- Excellent skills in communication, logic, and pedagogy for math and physical sciences.
- Two-time EPIC! award recipient for exhibiting outstanding passion in the classroom.

Learning Assistant/T.A. - Full Stack Flex

2020-Present | Trilogy Education | Irvine, CA

- Tutoring and providing scaffolding for coding students. Hosting debugging sessions.
- Identifying bugs to push students toward solutions and better coding practices.
- Analyzing code from a plethora of students with different instructors and styles.

Education

Certificate in Full Stack Web Development: University of California, Irvine, CA

Bachelors of Science in Physics: University of California, Irvine, CA

CalTeach Program Completion: University of California, Irvine, CA