David Wu

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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 amiable team player with a forte in using complex reasoning to tackle coding challenges.

Technical Skills
Languages: HTML, CSS, JavaScript
Frameworks: jQuery, Bootstrap, Materialize
Database Management: MongoDB, MySQL
Core Concepts: CRUD data persistence, Git and GitHub, command line, RESTful APIs.

Projects
Harmonize | github.com/davidwu92/Harmonize2| harmonizers.herokuapp.com/
- Full-stack application built to create a professional 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.
- Uses React, Node.js, Express, MongoDB, Materialize, and other node packages.

Paytrack | https://github.com/davidwu92/PayTrack | https://paytrackapp.herokuapp.com/
- Full-stack application that allows users to create financial events on a budgeting calendar. Recurring events can be created and edited as groups, while event data is consolidated into fully-customizable statements and graphs.
- Solo application. Innovator and developer behind everything: creating the database, routes, models, and UI/UX elements.
- Uses React, Node.js, Express, MongoDB, Materialize, Fullcalendar, and more.

Experience
Math and Science Teacher/Mentor
2015-2020 | Fusion Academy | Mission Viejo, CA
- Excellent communication, logic, and pedagogy skills mastered for mathematics and physical sciences.
- Two-time EPIC! award recipient for exhibiting outstanding passion in the classroom.

Coding Teacher
2020-Present | Code Ninjas | Irvine, CA
- Coaching in problem-solving skills and game logic using JavaScript and Scratch
- Build and Browse Camp Sensei for young web developers learning HTML/CSS/JS.

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