

Mark Reed

Front End Developer

512.695.7463 • markdreed512@gmail.com
<https://markdreed512.github.io/Portfolio>

Professional Profile

Derives deep satisfaction from learning new things, problem-solving and critical thinking. Known for effective communication and team collaboration. Seeks out challenges and ways to be creative. Keeps calm and focused under pressure.

Skills

React/ React Hooks/ Redux, Git, Javascript / ES6/ ESNext, HTML, CSS, NodeJS, NPM, Express, MySql, MongoDB, Bootstrap, JQuery, Data Visualization w/ P5js, REST API, Object-Oriented Javascript, Functional Programming, Responsive UI Design, SASS

Some experience with TDD, Mocha, Chai, Jest, Python, Wordpress, PHP, Laravel, Heroku, Netlify

Education

- **UT Coding Bootcamp** Nov 2018 - May 2019
Full-stack Web Development

Projects:

Restaurant Simulator Game: Oregon Trail-style game. Developed with React, Redux, NodeJs, Express, MongoDB

Burger Tracker web app: Users create wishlist of foods to try. Developed with NodeJS, Handlebars, MySql

Click-a-Bill: Addictive Bill Murray-themed clicking game. Developed with React, NodeJs, Express

Morning Coffee: One-stop morning app for getting traffic info, weather and News. Developed with Bootstrap, Axios, Web API, Javascript.

- **Northwest Missouri State University** 1995 - 2000
BS in TV and Radio Broadcasting / Journalism / Art

Personal Projects

- **International Space Station App**
 - <https://iss-where-and-when.surge.sh/>
 - Built with React/ React Hooks, Material UI, LeafletJS, NASA API
 - Maps current position of ISS in real time
 - Displays upcoming dates for viewing the ISS at your location
- **Mars Rover Photos App (in development)**
 - Built with React/ Redux
 - Choose between three Mars rovers
 - Displays most recent (or older) photos and info from selected rover

Work Experience

- **Computer Science Teacher** *AISD Austin, TX 2009 - Present*
 - Taught College-credit Web Development class
 - Taught Web Design / Programming / Professional Communication
 - Developed online Web Design curriculum
 - Created comprehensive Computer Science pathway for students, including four different courses
 - Founded and Sponsored Girls Who Code after school club
 - Head Tennis Coach
 - Assistant Football Coach
 - Staff mentor for Robotics team
- **Coding Camp Instructor** *Code Galaxy May 2019 - Present*
 - Taught coding summer camps at tech startup