

# Mark Reed

Full Stack Developer

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<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, Relational Databases, Git, OOP, Functional Programming, REST API, Javascript / ES6, HTML, CSS/SASS, NodeJS, NPM, Express, Bootstrap, JQuery, Python, Flask

## Education

- **UT Coding Bootcamp** Nov 2018 - May 2019  
Full-stack Web Development  
**Projects:**  
*Restaurant Simulator Game:* Oregon Trail-style game. Developed with React/ Redux/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
- **Bug Tracker Ticket App (in development)**
  - Full-stack Flask / React app
  - React Context Hook for global state management
  - REST API

## 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