

# Amber Harmon

## Front End Web Developer

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## Projects

### Today's Moon

*A React app that displays data about the current lunar cycle*

- Created a simple mockup, personal Kanban task board, and primary objectives for the project
- Implemented a mobile-first site design and efficient data flow throughout the component hierarchy
- Wrote tests using Jest and React Testing Library to ensure accurate data retrieval and correct rendering of conditional components

### Pomodoro Study Timer

*A React app implementing the popular Pomodoro time blocking method, originally built for a FreeCodeCamp course*

- Coded components that accurately reflect the passage of time and passed all 28 test cases provided by the course
- Returned to update the project with improved UI details and new functionality such as a mute button and inspirational quotes asynchronously retrieved from an API
- Wrote my own tests using Jest and React Testing Library to ensure the app is working as intended

### JavaScript Calculator

*A mostly plain JavaScript calculator with four basic operations, decimals, negative numbers, and history*

- Constructed the logic for accurate mathematical operations and running history of the current equation
- Researched and implemented the MVC design pattern to the project to increase scalability
- Collaborated with a mentor to ask questions about new concepts and refactor and improve code

## Skills

### Proficient In

- HTML
- CSS and Sass
- JavaScript
- React
- Git
- npm
- VS Code

### Familiar With

- Bootstrap
- Redux
- Jest
- TypeScript

### Other Skills

- Creating and editing vector graphics
- Running an online business using Etsy
- SEO and keywording
- Customer service

## Education

### Associate in Arts

*Schoolcraft College*

*Livonia, Michigan*

*August 2013 - May 2016*