

Cassandra McClure

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skills

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, Node.js, MongoDB, Express, SQL, Git, HTML5, CSS3

projects

Lethe

[live site](#) | [github](#)

Chat app inspired by Discord, using Ruby on Rails, ReactJS, Redux, AWS, HTML5, CSS3, AJAX

- Developed methods for generating invite tokens with limited uses and expirations using the hex method in the SecureRandom gem..
- Designed iterators for server and channel React components with preloaded PostgreSQL calls to prevent N+1 query problems
- Implemented a component position analysis function using the screenY property to keep modal elements on one page without a scrollbar

Wayfarer

[live site](#) | [github](#)

Road trip planning app, using ReactJS, NodeJS, Redux, MongoDB, Express, Google Places API, HTML5, CSS3, Axios

- Created flexible user authorization backend routes with Express and MongoDB, gating access to stored data for later retrieval
- Implemented state management in Redux to save user input, allowing for passage of the data to the Google Places API creating a pleasing UI.
- Managed Github workflow for the team to minimize conflicts and maintain feature flow

Click Crusader

[live site](#) | [github](#)

Incremental game, using ReactJS and Canvas

- Developed a blueprint using object-oriented design principles to prevent technical debt from increasing complexity of interacting React components
- Formulated mathematical equations to determine exponential increases in producer costs and event triggers, as well as linear growth patterns for resources gained on click
- Applied "lifting up state" principles to components to create a single source of truth
- Utilized LocalStorage to save and load state of parent React component, while protecting state from console modification

experience

Medical Secretary

Atrius Health

May 2016 - Apr 2018

- Answered 80 to 120 patient calls per day and scheduled 40+ appointments per day
- Explained specialized medical language to patients in layperson terms, increasing comprehension and compliance with treatment plans
- Studied trends in call center stats and suggested solutions to reduce patient hold time

Medical Receptionist

Bay State Medical Associates

Dec 2015 - May 2016

- Transferred patient records from paper to the PracticeFusion cloud-based EHR
- Assisted 30 to 50 patients per day with checking in for appointments

Medical Transcriptionist

Sten-Tel

Jul 2015 - Dec 2015

- Transcribed medical dictations using ChartScript
- Developed extensive suite of macros and shortcuts to optimize transcription speed

Insurance Transcriptionist and Editor

SpeechInk

Aug 2010 - Jun 2015

- Processed 100 to 150 audio minutes daily with a 24 hour turnaround time
- Reviewed and edited transcriptions of recorded calls to a 98% accuracy standard

Education

App Academy (Fall 2018)

Immersive software development course with focus on full stack web development

Quincy College (Spring 2016 - Spring 2018)

Studied Business Management with specialized courses in mathematics

Career Step (Spring 2012- Spring 2015)

Studied Medical Transcription, Graduation Certificate with Honors