

TED CHEN

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GITHUB- <https://github.com/CedThen>

53 Boxgrove Pl

Somerset, NJ 08844

EDUCATION

RUTGERS UNIVERSITY, New Brunswick, NJ

B.A. in Biology

Class of Aug 2018

GPA: 3.17

WEB DEVELOPMENT PROJECTS

Sheaves - github.com/House-on-a-Rock/tjc-scheduling-app

Developed with React, Node, Express, Sequelize, Material-UI, React-query

- Scheduling web app designed to streamline the process of creating and distributing tailored schedules. Users are able to assign duties to workers based on worker role and availability. Once completed, schedules can be published, and workers will be notified through the companion mobile app.
- Developed flexible and reusable components using material-ui, abstracted data fetching through custom hooks, created secure RESTful api endpoints using sequelize.
- Researched and suggested libraries as potential solutions, collaborated with teammates to develop solutions and propose new features, reviewed git pull requests and responded to reviews of my own pull requests, communicated issues and tracked ticket progress using JIRA.

Sheaves mobile app - github.com/House-on-a-Rock/tjc-scheduling-mobile

Developed with React-Native, Expo, Ui-kitten, Redux, Reanimated, React-Navigation

- The Sheaves companion mobile app. Users are alerted of new assignments via push notifications, and can then view and manage their assignments. If a user needs to make adjustments to their assignments, they may request to swap duties with other users.
- Created the user interface according to design specifications using UI-kitten, used Redux to manage global state and data fetching, handled iOS and Android push notifications using Expo.
- Discussed features and proposed improvements to the UI designer. Created custom animations using React-Native-Reanimated, and ensured smoothness and responsiveness of the application by optimizing both the JS thread and the UI thread.

JSP Rune Prices - github.com/CedThen/jspRunePrices

Developed with React, Node, Express, BeautifulSoup, ChakraUI, ChartJS, Mongoose, MongoDB, Heroku

- Application that scrapes chat forums and converts results into easily consumed data displayed through a stock-exchange style interface.
- Wrote a python script that searches through user submitted posts using BeautifulSoup. Data is processed and saved in MongoDB. Frontend is mobile responsive and built using ChakraUI and ChartJS components.
- Take a look! <https://jspscraper.herokuapp.com/>

PROFESSIONAL EXPERIENCE

ZEUS SCIENTIFIC, Branchburg, NJ

Nov 2018 – June 2019

Lab Technician

- Produced Multiplex Bead Assay components and kits in accordance with SOPs, maintained and operated laboratory equipment, performed daily routine performance verification and weekly equipment calibration of Luminex Diagnostic Instruments.
- Performed product testing after each manufacturing step, then collected and interpreted data to ensure quality of finished products.

SKILLS

Languages - JavaScript, Typescript, CSS/SASS, HTML

Frameworks - Express, Material-UI, UI-Kitten

Libraries - React, React-query, Redux, Three.js, React-Native-Reanimated, Chakra-UI, styled-components

Other - Node, Git, Github, GitKraken, Expo, JIRA, ESLint, Prettier, AWS RDS and EC2, Heroku