VIVIAN CHEN

646-209-4763   vnchen92@gmail.com 400W 19 St NY NY 10011   Portfolio   LinkedIn   Github

SKILLS

JavaScript, React, Redux, CSS3, HTML5, Node.js, ExpressJS, MongoDB, Mongoose, Ruby, Ruby on Rails, jQuery, SQL, SQLite3, PostgreSQL, Git, Webpack, Heroku

PROJECTS

LineAlert | *MERN Stack (MongoDB, Express, React/Redux, Node.js)*   **live** | **github**

NYC subway alert application with search feature and live alert updates

- Spearheaded alerts feature by using Express to create RESTful backend routes and using Axios requests to connect frontend React components to construct its CRUD functionality
- Optimized our single-page app to only refresh the application state when necessary, shortening pre-load time
- Collaborated with three colleagues to produce our Mongoose data models to help determine the structure of our Redux state to build a solid foundation
- Utilized Github best practices to prevent merging conflicts allowing for productive and collaborative teamwork

Strive | *React/Redux frontend, Ruby on Rails and PostgreSQL backend*   **live** | **github**

Full Stack clone of Strava, a social networking application for athletes

- Ensured user privacy and autonomy, allowing users to access and make changes to their own activities when logged in and also access profiles and activities for users they are following
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and submissions as well as modal form inputs and submissions allowing creation of new users
- Utilized Google Directions API to render accurate paths on Google Maps API and Google Static Maps API to dynamically show user's customized listed routes

Calorie Calc | *Javascript, HTML, CSS, ChartJS*   **live** | **github**

Interactive data visualization application for tracking macronutrients and calories for Subway

- Developed a mathematical algorithm to calculate macronutrient data points including fat, carb, and protein in comparison to total calories to render accurately on bar chart and hidden list
- Implemented dynamic bar chart using Chart.js library to visualize macronutrients compared to total calorie count depending on the on-click specifications, using custom event listeners to sync user input in bar chart, menu items, and hidden list
- Applied Flexbox and CSS grid to design seamless UI experience on a single-page-application

EXPERIENCE

*Memorial Sloan Kettering Cancer C*enter

Financial Assistance Counselor   April 2019 - March 2022

- Created an instructional guide on the current system user interface/UX to maximize efficiency when navigating the system for specific information allowing trainees to quickly grasp the system workflow
- Managed 80+ cases simultaneously while maintaining already developed relationships with frequented patients
- Recognized for providing patients with emotional support and alleviating stress by counseling patients on insurance processes, financial assistance program processes, and Medicaid processes

Patient Billing Specialist   February 2017 - April 2019

- Identified and reconciled patient complaints within one encounter, resulting in a 15% deduction in call drop rate
- Educated patients on billing processes and guided them through insurance procedures to improve their understanding of their financial responsibilities for all future visits
- Mentored new hires for best company practices to minimize potential errors

EDUCATION

AppAcademy - Intensive software development program with <5% acceptance rate consisting of 80+ hours of weekly coding

Stony Brook University - *BS Health Informatics, 2010-2014*