Di Zhu

[Github] [LinkedIn] [Website]

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Skills

Javascript (ES6), React, Redux, React Router, Material-UI, ExpressJS, NodeJS, MongoDB, PostgreSQL, HTML/CSS, Python, Unix, Heroku, Npm, Yarn, Webpack, Git, Jekyll, Liquid

Software Projects

Appointment scheduling software [Github] [Demo]:
- Built with MERN stack and collaborated in a 4 person remote agile team
- Allows users to host and book appointment without redundant emails and phone calls
- Implemented embedding feature to insert scheduling page into any other website
- Integrated with Stripe to securely process credit card payment and unlock features
- Set up end to end testing with Cypress with sensible stub and flexible fixtures

Drink shop website [Github] [Demo]
- Displays products catalog and allow users to register and purchase items
- Built with React, Node and integrated with PostgreSQL, CSS pre- and post-processing
- Utilizes Redux for global state management

Route finder [Github] [Demo]
- Allows user to search for two addresses and displays a route and relevant data
- Built with leaflet library, Openstreetmap, Mapquest geocoding and React
- Implemented a search and type field that perform searches when user types

Personal blog [Github] [Demo]
- Displays blog posts and portfolio
- Built with Jekyll (ruby), liquid templating language and hosted on Github Pages
- Styled with SASS to avoid massive boilerplate from template theme

Education

University of Toronto Scarborough   (2016 – 2020)
- Coursework: Unix, Bash shell, remote computing server (SSH), data analysis (Python)
- Specialist (Co-operative) Program in Molecular Biology & Biotechnology
- Honors Bachelor of Science (cGPA: 3.71/4.00)