

David Chan

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Projects

don't think, just do.

Site

FULL STACK IMAGE BOARD

Github

- Designed message models, controllers, and routes for the API and server to communicate with.
- Set up MongoDB to receive collections of data and utilized middleware to establish a connection between API and server.
- Implemented RESTful API server to deal with any HTTP requests.
- Created and rendered components to properly display message form and messages using React.js.
- Deployed back end API onto Heroku which used dynos to start up the script that connects to MongoDB.
- Deployed front end on Netlify which ran a production build from github.
- Designed site to become scalable for mobile users.

Lover's Embrace

Site

MOCK E-COMMERCE FLOWER SHOP

Github

- Designed routes for the Commerce.js and Stripe API to communicate with.
- Created and rendered components to properly display correct pages when processing the home page, cart, and checkout form.
- Implemented the use of various npm packages such as react-hook-form and react-router-dom.
- Expressed intermediate knowledge of passing props, async functions, hooks, and object destructuring.
- Deployed front end on Netlify which ran a production build from github.
- Designed site to become scalable for mobile users through Material-UI framework.

Skills

Back-end Express, MongoDB, MySQL, REST API

Front-end React, Redux, Axios, HTML5, CSS, Bootstrap

Programming Java, JavaScript, Node.js, Python

Education

Ryerson University

Toronto, Canada

B.S. IN COMPUTER SCIENCE

Sept. 2019 - May 2023

- Minor in Mathematics

FreeCodeCamp

Online

RESPONSIVE WEB DESIGN, JAVASCRIPT ALGORITHMS, DATA STRUCTURES, APIS

Sept. 2019 - Ongoing

- Completed the listed courses with intention on completing Machine Learning

Extracurricular

Ryerson Competitive Programming

MEMBER

- Grasped different data structures such as arrays, linked lists, hash maps, binary trees
- Implemented algorithms into solving complex problems

Ryerson Barbell Club

MEMBER

- Gained expertise in different training practices, body structures and injury prevention.
- Set healthy goals every week to reach further heights

Employment

Home Renovation

Toronto, Ontario, Canada

SUMMER JOB

Jun. 2016 - Sept. 2020

- Worked in up to teams of 5 to renovate basements, bathrooms, etc.
- Communicated and responded to needs of clients