JiaHao Wu

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SUMMARY

A self-driven developer who is currently focusing on web development. Passionate and excited to learn new skills and tries to enhance technical skills through continuously building personal projects. Equipped with knowledge in algorithms and data structures.

EDUCATION

Brooklyn College, CUNY   Brooklyn, NY
Bachelor of Science in Computer Science   Expected December 2021
GPA: 3.2/4.0
Relevant Courses: Data Structures, Introduction to Algorithms, and Design and Implement Web Application

TECHNICAL SKILLS AND LANGUAGES

Front-End Development	: HTML5, CSS3, Javascript (ES6), Boostrap4, React, Redux
Back-End Development	: NodeJS/Express, MongoDB/Mongoose, Flask
Other Programming Languages	: C, C++, Python, Java
Technical Tools	: Axios, Browser Developer Tool, Version Control, NPM, OAuth2
Languages	: Proficient in English and Chinese (Mandarin, Cantonese)

PERSONAL PROJECTS

Collection of Small Web Projects, https://github.com/justinwu1/collection-web-projects   Spring 2020 - Present
Tools: HTML5 (Semantic Elements), CSS3 (Basics, Flex-box, Grid, Media Queries, Animation), Javascript (ES6, OOP Programming)

- Compile projects that are mostly consisted of front-end developments such as producing a blog using CSS3 to modify the margins, paddings, width, height, and color schemes
- Create landing pages for a candy museum and a fashion e-commerce by utilizing the grid system and media queries to enable user to view the pages in any devices
- Formulate a to-do list application that allows users to input, edit, and delete records to better organize their tasks
- Generate a responsive web design for a dessert application that presents different content structures depending on the devices used by users to improve reading experience
- Build a book searcher using Google API that contains a preview function and enables users to purchase and download a book

Stay Fit, https://github.com/justinwu1/stay-fit   Spring 2020
Tools: HTML5, Bootstrap4, NodeJS/Express, MongoDB/Mongoose, Browser Developer Tools

- Designed a fitness application that contains features like TDEE calculator and weight conversions, which allow users to track calories, weights and customize food labels
- Constructed the authentication process for login and registration pages to ensure security of users' information
- Built a secure database to store users' information and enhance the query process by providing speedy result page
- Developed a user-friendly interface to ensure users' convenience while using the application and to enhance users' experience
- Programmed different routers with corresponding templates to enrich the information and functions available in the application

Yelpy, https://github.com/justinwu1/yelpy   Spring 2020
Tools: HTML5, Semantic-UI, ReactProps/State System, Axios, React Life Cycle

- Developed a React application for users who have difficulty in choosing a restaurant
- Established a connection of public data between Yelp Fusion API and Yelpy to randomly select a best restaurant for the users
- Furnished the application with a search function to enable users to easily look for the answers of their questions within the application
- Provided a list of restaurants on the search result page with images and details of restaurants such as reviews, phone numbers and locations to better visualize the results