WENJIE (WENDY) CHEN
PASSIONATE FRONT END DEVELOPER

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PROFESSIONAL PROFILE

Extreme passionate Front End Developer with experience of front end web development and building user interfaces and UX using React and Redux from the ground up – design, development, unit testing, delivery and maintenance. Proficient in an assortment of web development technologies and tools.

EDUCATION & CERTIFICATES

Master of Science Systems Science, GPA 9.5/10   Jan 2018 - June 2020
University of Ottawa, Ottawa, Ontario

Bachelor of Engineering, GPA 4.3/5   Sep 2013 – June 2017
University of Science and Technology, Beijing, China

RELATED PROJECTS

Burger Shop E-commerce   June 2020 – August 2020

Tech Stack: React, Redux, material-ui, Redux-thunk, react-router, axios, Firebase

https://react-my-burger-1f18b.web.app/

- Designed and built the UI/UX for consumers to add or remove the ingredients of a burger and managed the state of ingredients via Redux
- Developed order form page for consumers to verify their order and submit their delivery information
- Supported consumers to check their history orders and place the same order
- Implemented responsive web design for different browser sizes including phones, tablets and computers

A Rule-Based Expert System for Predictive Maintenance of A Hybrid Bus   Jan 2019 – June 2020

Tech Stack: Python, Flask, flask-sqlalchemy, MySQL, JavaScript

- Designed a rule-based expert system including back-end management and front-end development to simulate the real-time performance and predict the failure before it happens
- Cooperated with experts to negotiate possible bus failures in STO company and generated triggers
- Established a web interface for users to log in and monitor the real-time data change of sensors
- Allowed technicians to create, update and delete sensors and rules storing in database

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript ES6, HTML, CSS, Java

Library/Framework: React, Redux, CSS Flexbox, Material-Ui, Jest, Enzyme, Bootstrap, Flask, Django

Database management Systems: MongoDB, MySQL

Web services: REST API, JSON, AJAX, Axios

Technologies/Tools: Firebase, GIT, Github, Microsoft Azure Environment