# WENJIE (WENDY) CHEN
## PASSIONATE  FRONT END DEVELOPER

Tel: (343) 988-8540 | Email: wendychen9395@gmail.com
Linkedin: https://www.linkedin.com/in/wenjie-wendy-chen/
Portfolio: https://www.hiwendychen.com/ | Github: https://github.com/WendyChenj

## 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

**React - The Complete Guide (Hooks, React Router, Redux)**          April 2020 - June 2020
*Online Course*

**Master of Science Systems Science, GPA 9.6/10**          Jan 2018 - May 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 Builder E-commerce Application**          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 ingredients and create their own burgers, managed the state via Redux, and stored contact information and order data in the database
- Performed user authentication to allow customers to submit burger orders and access past orders
- Developed login form and contact form to collect user information and handled overall form validity before submission
- 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 – May 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 of a bus 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, update rules and monitor the real-time data change of sensors

## TECHNICAL SKILLS

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

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

**Database management Systems:** MySQL, MongoDB, NoSQL

**Web services:** RESTful API, JSON, AJAX, Axios

**Tools/Methodologies:** Firebase, GIT / Github, Microsoft Azure Environment, Agile Development