


# MING WEN

SOFTWARE ENGINEER

## CONTACT

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github.com/mingwencode 

## KEY SKILLS

JavaScript / NodeJS

React / Hooks

HTML / CSS

mySQL / PostgreSQL / MongoDB

Express

AWS / Nginx / Docker

Jest / K6 / Loader.io / New Relic

Python / Ruby

## EDUCATION

### CERTIFICATE OF COMPLETION

Software Engineering Immersive  
Hack Reactor  
2021

### MASTER'S DEGREE

Business Administration  
University of Washington  
2012 - 2014

### BACHELOR OF ART

Fine Arts  
Washington State University  
2002 - 2005

## APPLICATIONS

### TRICERATOPS REPUBLIC

React | CSS styled Component | Jest | Express | AWS EC2  
github.com/mingwencode/Triceratops-Republic

An e-commerce application allowing users to shop fashion goods, ask questions and leave feedback

- Developed with **React** to increase code reusability and readability
- Provided insight of improvements to the team with **Jest** testing results
- Optimized app performance with **Lighthouse** and **Google PageSpeed**

### BACKEND SYSTEM DESIGN

Node | PostgreSQL | Nginx | Docker | Loader.io | K6 | New Relic | AWS EC2  
github.com/mingwencode/BackendSystemDesign

Designed the backend system for legacy codebase application that needed to be scaled up to handle increased web traffic

- Decreased server response time from 2000ms to under 300ms with **Nginx**
- Created performance tracking that monitors server usage with **New Relic**
- Containerized server using **Docker** that allows easy scaling

### SMOVE

Node | Google Auth | GoogleMap API | MongoDB | Express | React Router  
github.com/mingwencode/Smove

Smove is a one-stop platform for users to manage their move with ease

- Created multi-page application with **React Router**
- Retrieved data from **Yelp API** based on user input
- Built interactive map with **Google Map API**

## EXPERIENCE

### Project Manager

American Beef Import & Export Association, China | 2017 - 2018

Established the trade association that helps small businesses in China to import beef from the U.S.

- Performed reviews and analysis of market demands, costs, and customer profitability to help the Board adjust the ongoing business strategy
- Recruited over 50 businesses to join the association
- Executed strategic partnership with 7 food associations in China

### Operation / Business Development Lead

Allway Co., China | 2016 - 2017 | 2018-2020

Responsible for business strategy planning

- Developed analytics that fosters effective and timely decision making
- Developed a new system that helped decrease operating expenses by 30%
- Led in new contract negotiations