# Zifan Pan

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#### **PROJECTS**

### Dish Guru - MERN Stack App

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React | Redux | Express | NodeJS | MongoDB | SCSS

- A full-stack app using React, Express, NodeJS, and MongoDB.
- Uses Redux and Redux toolkit for easier maintenance, and bridges back-end and database using Express and Mongoose to enable data transfer including user info, recipe details, and associated reviews.
- Features advanced techniques such as error handling middleware, user authentication, password encryption, and routing.
- Allows users to add, customize, update and delete their dishes while authenticated, explore various dishes shared by others and leave reviews.

## **Trip Planner** - React App

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React | TypeScript | SCSS

- A front-end app using React, TypeScript, and SCSS to help users better plan their trips by listing all stops and calculating estimated time.
- Implements TypeScript for faster debugging, more robust refactoring, and easier codebase management.
- Allows users to add, edit, delete, and toggle optional and favorite stops using a simplistic layout for an intuitive experience.

### Room Page - PSD conversion

View Live | GitHub

HTML | JavaScript | CSS

- A static website with a responsive layout on phone and desktop using HTML, JavaScript, and CSS.
- Features a JavaScript carousel built from scratch that enhances user experience.

#### **EDUCATION**

#### University of Toronto, St. George

Toronto, ON

Bachelor of Science in Statistical Science

Sept 2017 - June 2021

Relevant courses: Computer Programming; Computational Thinking; Data Structure And Algorithm; Data Science

#### **SKILLS**

React, Redux, Express, NodeJS, MongoDB, JavaScript, ES6, TypeScript, HTML, CSS/SCSS, Python, SQL/MySQL, Command-Line, Git/Version Control, Responsive Design, Web Accessibility, Collaborative Programming