

Aaron Chii Liang Yii

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EDUCATION:

University of South Florida, Tampa, FL
Bachelor of Science in Computer Science

Spring 2019 - May 2023

TECHNICAL KNOWLEDGE:

Programming Languages: JavaScript, HTML, and CSS (Proficient), C# (Basic), Java (Intermediate), C++ (basic), TypeScript (Intermediate), Python (Intermediate)

Frameworks, Libraries, Databases, and Platforms: Express, Node.js, Reactjs, MongoDB, TailwindCSS, PostgreSQL, FireBase

PROJECTS:

Food Ordering App (ReactMeals):

- Designed and developed a Food Ordering App using React.js
- Utilized React hook and Redux toolkit to build web App with emphasis on state management as well as compact, reusable components.
- Established connection between frontend and backend server as well as the database (Firebase) to manage the user data.

Weather App:

- Used React to create a Weather app that shows the weather of a particular area around the world
- Real time weather will be shown on the dashboard
- Utilized GeoDB Cities API and OpenWeatherMap API to gather data of cities around the world, information of current weather as well as the weather forecast of a particular city.

Goals Book:

- This program allows users to manage their goals using CRUD operations on a dashboard.
- Implemented RESTful APIs to manage users requests and responses with Node.js and Express
- Utilized MVC (Model-View-Controller) design pattern for the application backend structure.
- Built connection between backend server and MongoDB (non-relational database) with the help of mongoose.
- Authentication and authorization were implemented using JWT (JSON Web Token) which can generate an expirable token with encoded user data and ensure users can only access data of their own.
- Managing app-wide states using React redux
- Created Interactive and responsive user interface