

Aaron Chii Liang Yii

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[LinkedIn](#) | [Portfolio](#) | [Github Profile](#)

EDUCATION

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

Spring 2019 - May 2023

Relevant Courses: Software Development, Object-oriented Programming, Database management, Secure coding, Introduction to deep learning, Operating System,

SKILLS

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

Frameworks, Libraries, Databases, and Platforms: Express, Node.js, Reactjs, MongoDB, .Net, TailwindCSS, PostgreSQL, FireBase, Netlify, Github, Thunder Client (VS code extension), Postman API

Concepts: REST API, MVC architecture, Git

PROJECTS

Food Ordering App :

- 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 using axios which enable the user to perform actions on the resources stored in the database.

Weather App:

- Used React to create a Weather app that shows the weather of a particular area around the world with real-time weather forecast displayed on the dashboard
- Utilized 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 Setter:

- 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.

ACTIVITIES AND CLUBS

- 2022 Solution Challenge by Google ([Non-Profit Center](#))
- Participated in 2023 Hack-A-Bull USF
- Member of Society of Competitive Programming, Google Developer Student Clubs, SHPE