Aaron Chii Liang Yii

Tampa, FL | (813) 753-5160 | 0710aaronyii@gmail.com

LinkedIn | Portfolio | Github Profile

EDUCATION

University of South Florida, Tampa, FL   Spring 2019 - May 2023
Bachelor of Science in Computer Science

Relevant Courses: Object-oriented Programming, Database management, Secure coding, Introduction to deep learning, Operating System, Analysis of algorithm and Data Structures

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 servers using Axios, a npm package, to enable the user to perform actions on the resources stored in the database.

Weather App (React App):

- 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
- Applied MVC (Model-View-Controller) design pattern on the backend server.
- 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 only gain access to the data of their own.

ACTIVITIES AND CLUBS

- 2022 Solution Challenge by Google (Non-Profit Center)
- Member of Society of Competitive Programming, Google Developer Student Clubs