

AARON CHII LIANG YII

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[HTTPS://AARONFIRSTPORTFOLIO.NETLIFY.APP](https://aaronfirstportfolio.netlify.app) | [HTTPS://GITHUB.COM/AARONYII](https://github.com/aaronyii)

EDUCATION

University of South Florida

Spring 2019 - Spring 2023

- Major: B.A. Computer Science
 - Relevant coursework: Object-oriented Programming, Database management, Secure coding, Introduction to Deep learning, Operating System, Analysis of algorithm and Data Structures

WORK EXPERIENCE

PERN Stack Developer Intern at TONY, LLC

November 2023 - Present

- Collaborate with design and development teams to deliver features for the e-commerce application
- Developed **single page application (SPA)** with **React.js**
- Convert Figma design into interactive reusable UI components using **TailwindCSS**

SKILLS

- **Programming Languages:** JavaScript, TypeScript, HTML, CSS, Java, Kotlin, Python, C#, C++ and SQL
- **Frameworks, Libraries, Databases, and Platforms:** Express, NodeJS, ReactJS, MongoDB, .Net, TailwindCSS, PostgreSQL, FireBase, Netlify, Github, Jira, NPM
- **Concepts:** RESTful API, MVC architecture, Version Control, Object-oriented programming
- **Software Development Life Cycle:** Agile Methodology

PERSONAL PROJECTS

GoalMaker (JavaScript, CSS, HTML, MongoDB, Express.js, React.JS, Node.js, Mongoose)

- Developed GoalMaker, a React app for goal management, featuring user authentication with JSON web token and state management through Redux toolkits on the client-side server.
- Utilized ExpressJS for routing, MongoDB for database connections and data modeling, and implemented RESTful APIs for seamless client-server communication.
- Demonstrated expertise in the MERN stack (MongoDB, Express, ReactJS, NodeJS) and effective error and response handling in a goal-oriented project.

Food Ordering App (JavaScript, CSS, HTML, React.js, Firebase)

- Developed a Food Ordering App utilizing React and Redux toolkits, focusing on robust state management and creating modular, reusable components.
- App enables users to browse meals with prices, and items to a cart, and seamlessly complete orders.
- Implemented Firebase integration for real-time database storage, enabling server less functionality with direct client access to frontend resources.

PhotoGram (Kotlin, Android Studio, Gradle, Firebase)

- Designed and developed a multi-activity Android application that enables users to share their favorite moments by uploading photos along with a descriptive caption.
- Utilizing Firebase's integrated components, such as Firebase Authentication for user sign-in, Storage service for the storage of uploaded photos, and Firestore, a cloud-based NoSQL database service, for storing and synchronizing real-time custom data in the app.

LEADERSHIP AND COMMUNITY INVOLVEMENT

USF Society of Competitive Programmer, Member

Fall 2019 - Spring 2023

- Represented the club and participated in 2022 Solution Challenge event hosted by Google. Developed a fully functional responsive website called NonProfit Center in a group of 4.
- Led recurring coding sessions and provided guidance and assistance to the attendees along the way.
- Assisted in presenting project that we built to K-12 students at USF engineering EXPO 2022.