

Alan Tin Ta

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EDUCATION

San Diego State University, San Diego, CA.

August 2015 to August 2020

Bachelor of Science in Computer Science

SKILLS

Languages (Proficient)

- Java
- Javascript
- HTML5

Libraries

- React

Tools

- VS Code
- Git

Languages (Familiar)

- Kotlin
- C/C++

Storage

- SQLite3
- Firebase

Platforms

- Windows
- Mac OS

PROJECTS

Portfolio Website - <https://ata819.github.io/>

December 2021

- A responsive portfolio website designed with **Javascript** and **HTML5** to display more insights on myself, projects, and skills.
- Utilized the **Tailwind CSS framework** to maintain UI design consistencies and a small size CSS file.
- Incorporated the **React** library to construct reusable React components and React component states.
- Utilized **GIT** for version control and pushed the code to Github.

Car Rental System

April 2021

- Developed a **C/C++** car rental service capable of handling rental fees, car listings, client information, and transaction history.
- Designed to prompt a standard input stream for inserting the necessary data and a formatted standard output stream for the UI.
- Implemented a **SQLite3** CRUD database to store data and maintain data consistency between tables.
- Incorporated the **Boost framework** to handle lexical conversions of values in order to maintain the program's functionality and purpose.

WeChore

February 2021

- An Android application developed for the **Android API +29** version that allows users to form groups and organize house chores together.
- Constructed with a **Kotlin + XML** frontend and **Google Firebase** backend through **Android Studio**.
- User account information is authenticated, stored, and protected with Cloud Firebase and Realtime Database.
- Incorporated the **Glide framework** to handle image fetching, resizing, and loading.
- Utilized **Gradle** to manage the building process and incorporate dependencies and plugins.

LEADERSHIP/EXTRACURRICULAR

Vietnamese Student Association - Social Media Chair

August 2017 to May 2018

- In charge of maintaining and regulating all forms of social media for the club.

San Diego State Cyber Defense Team

February 2018 to May 2019

- Learned about computer system defensive protections, as well as offensive capabilities such as NMAPs, port scans, and brute force attacks.