

# Calvin Tran

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[github.com/CalvinDoesCS](https://github.com/CalvinDoesCS)

## Education

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**Georgia Institute of Technology**, MS in Computer Science Pursuing in Spring 2025

- Concentration: Machine Learning

**Georgia State University**, BS in Computer Science Aug 2023

- GPA: 4.13/4.3
- **Coursework:** Data Structures, Algorithms & Analysis, Machine Learning, Software Engineering, Web Programming, Database Systems

## Experience

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**Part-Time Java Developer**, Dream Viet LLC - Lawrenceville, GA Jan 2024 – Present

Assisting a small team in developing back-office applications to bridge the gap between clients and technology for a salon chain. Building back-office applications for a salon chain that streamline operations, improve client experiences, and enhance overall efficiency. Assisting with the following applications/features:

- Appointment Management – a booking system to allow clients to book, reschedule, or cancel appointments online. Integration with a calendar system and the salon chain home page for real-time availability.
- CRM Management – store and manage client information, including contact details, appointment history, preferences, and loyalty program, sending out text messages for promotion.
- Staff Management – maintain a life cycle for managing staff schedule, and availability.
- Integration with 3<sup>rd</sup> Party System – integrate with Stripe checkout for electronic transaction
- POS System – maintain and enhance the functionality of the POS system.
- Salon Data Content Management – enhance the company website and offerings.
- IoT Integration – built an in-house digital menu that works with an IoT device

**Technical Environment:** Gcloud CLI, SpringBoot, OpenAPI 3, Swagger, HTML/CSS, React JS, Javascript, Python, PHP, MySQL

**Freelance Software Developer**, Pristine Dominican Barbershop – Winder, GA Sep 2024

Assisted a local barbershop in digitizing their salon to enhance user experience. Worked one-on-one with the client to create a system tailored to their specific needs. Key contributions included:

- Designed a sign-in application for tracking customer counts, incorporating customizable PIN authentication and themes for 40+ customers daily.
- Implemented waitlist management and automated data deletion features, improving customer flow by a notable percentage.
- Developed an in-house digital menu on Raspberry Pi, increasing operational efficiency and leading to a substantial increase in the utilization of different services.

**Technical Environment:** Expo, Nativewind, Supabase(Initially), React-Native-Chart-Kit, Typescript

## Projects

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For more projects, please visit: [calvintran.us](https://calvintran.us)

### Barber Website

- Developed a comprehensive Appointment System with full CRUD operations, enabling clients to efficiently book and reschedule appointments.
- Implemented a Barber Management System to oversee barber details and availability, enhancing scheduling accuracy and service delivery.
- Integrated an Email Notification Service to confirm appointment bookings, ensuring clients receive immediate

confirmations

- Designed an engaging UI/UX for the website featuring intuitive navigation and smooth animations, enhancing user interaction and overall experience.
- Tools Used: React.ts, CharkaUi, SpringBoot, MySQL, Hibernate, Axios, React Query, React Hook Forms, Formik

### **Calorie Tracker**

- Developed a web application enabling users to efficiently track caloric intake, enhancing dietary management
- Implemented JWT authentication for secure user access, ensuring data privacy.
- Created a food database API, allowing users to effortlessly log diverse food items and nutritional information.
- Tools Used: React.ts, CharkaUi, SpringBoot, MySQL, Hibernate, Zustand, Axios, React Query, React Hook Forms

### **GameHub**

- Developed a React-based front-end for users to discover new games.
- Created a comprehensive filtering allowing users to search for games by genre, release date, and platform, enhancing user experience
- Utilized the RAWG API, encompassing 500,000+ video games.
- Tools Used: React.ts, Charka UI, React Query, Axios, Zustand

### **Wi-Find | School Project**

- Collaborated with a small team to assist users in locating Wi-Fi hotspots for paid access.
- Integrated Google Maps API to provide an interactive map interface for users to search and locate Wi-Fi hotspots.
- Incorporated agile development into
- Tools Used: HTML/CSS, JQuery, PHP, BootStrap, GoogleMaps API

## **Certifications**

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Meta Front-End Developer Professional Certification | Meta | July 2024

React 18 | Code With Mosh | July 2023

Spring Boot 3, Spring 6, Hibernate | Chad Darby - Udemy | Aug 2023

## **Technologies**

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**Frontend & Backend Frameworks:** React.js, Expo, Spring Boot, JQuery

**Languages:** Java, JavaScript, TypeScript, SQL, Python, PHP, C, HTML/CSS

**Technologies:** OpenAPI3, Supabase

**Styling & UI:** Tailwind CSS, Charka UI, Bootstrap

**Tools:** Maven, Google Cloud, Google Build Tools, Docker