

JUSTIN CHUNG

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Education

Santa Clara University *B.S. Computer Science and Engineering*

Sept 2021 - June 2025

- Relevant Coursework: Abstract Data Types and Data Structures, Object-Oriented Programming, Logic Design, Embedded Systems, Discrete Math, Electric Circuits, Linear Algebra

Work Experience

GoodDay Software Engineering Intern | [Github Repo](#)

March 2023 - June 2023

- Contributed to a team in building a full-stack cross-platform mobile application to help community members overcome everyday addictions.
- Implemented the home, feed, and contact pages using React Native and Expo. Led the team in connecting the application to Firebase.

Santa Clara University TA/Grader

2022 - Present

- Collaborated with a team of three students to grade assignments for an Intro to Engineering course
- Successfully graded 100+ assignments per week while effectively managing workload and meeting deadlines

Projects

Spotify to YouTube Playlist Converter [Github Repo](#) | [Live Demo](#)

July 2023

- Designed a web application integrating Spotify and YouTube APIs using Express.js and React to convert Spotify playlists into YouTube playlists while facilitating secure user authentication and data retrieval
- Implemented real-time feedback on the conversion process, displaying statuses for each playlist item
- Leveraged OAuth 2.0 flows using Passport.js and managed access tokens for both platforms, ensuring user security

Discord Music Bot [Github Repo](#)

November 2022

- Developed a music bot for over 100 users to play music or the audio of any video published on YouTube
- Utilized discord-player framework in conjunction with discord.js to facilitate music commands. Deployed the bot on Heroku to ensure it remains online 24/7

ParkMe [Github Repo](#)

November 2022

- Collaborated in INRIX Hackathon to create an interactive map displaying parking information, including price, hours open, address, and occupancy, around a requested area
- Retrieved parking information from INRIX API using Express.js and implemented front-end capabilities with Next.js, utilizing MapBox to present the information on a map

Languages and Frameworks

Programming Languages: C++, C, HTML, CSS, JavaScript, PHP, Verilog, Assembly

Frameworks/Technologies: React.js, React Native, Expo, Tailwind CSS, Node.js, Express.js, GIT, REST APIs, Heroku, Next.js, MapBox, Firebase, Postman, Netlify, Photoshop

Awards: High School Valedictorian, Dean's Scholarship, AP Scholar with Distinction