

# Justin Chung

626-986-9913 | [jdchung@scu.edu](mailto:jdchung@scu.edu) | [linkedin.com/in/justin-chungg/](https://www.linkedin.com/in/justin-chungg/) | [justinc0251.github.io/portfolio](https://justinc0251.github.io/portfolio) | [GitHub](#)

## EDUCATION

**Santa Clara University** *BS/MS Computer Science and Engineering*

**Sept 2021 – June 2026**

**Relevant Coursework:** Abstract Data Types and Data Structures, Object-Oriented Programming (C++), Advanced Algorithms, Artificial Intelligence, Computer Networks, Database Systems

## EXPERIENCE

**Software Engineering Intern**

**Dec 2023 – May 2024**

*Vili LLC*

*Remote*

- Developed frontend components for authentication and profile pages using **React Native** and **TypeScript**.
- Enhanced client-server communication by designing RESTful APIs with **Python** and **FastAPI**.
- Improved user sign-up rate by **30%** by integrating Google, Apple, and WeChat authentication.
- Maintained system stability and scalability by managing existing deployments using **Docker**.

**Research Assistant**

**Sept 2023 – June 2024**

*Santa Clara University*

*Santa Clara, CA*

- Programmed a web scraping application with **Python**, **Flask**, BeautifulSoup, and Trafilatura.
- Implemented natural language processing models (T5, BART, Pegasus, TextRank) for text summarization.
- Evaluated the models by implementing text analysis techniques using LDA for keyword extraction and ROUGE metric for evaluation.
- Increased visual appeal and engagement by **25%** by utilizing the Stable Diffusion model to create customized images with text overlays for summarized articles.

**Software Engineering Intern**

**March 2023 – June 2023**

*GoodDay*

*Santa Clara, CA*

- Collaborated on features for a mental health and addiction recovery app for iOS and Android devices.
- Designed several main components and screens in **React Native** and **Java Script** and developed the navigation between these screens.
- Enhanced data management and enabled user interaction by integrating **Firebase** for backend services.

## PROJECTS

**PlatePals** | [GitHub Repo](#) | [Website](#)

**Feb 2024 – April 2024**

- Created a full-stack recipe sharing website to connect culinary enthusiasts.
- Implemented responsive web design and search/filter capabilities using **HTML**, **CSS**, and **Java Script**.
- Enabled user registration, profile customization, recipe uploads, and interactive elements using **PHP** and **MySQL**.

**Playlist Converter** | [GitHub Repo](#) | [Demo](#)

**July 2023 – August 2023**

- Developed a web application to convert playlists from Spotify to YouTube using **React.js**, **Node.js**, **Express.js**, and **MongoDB**.
- Managed OAuth 2.0 authentication flow by utilizing **Passport.js** for secure user access.
- Executed efficient data processing by handling access and refresh tokens for Google and Spotify authentication

## TECHNICAL SKILLS

**Languages:** C/C++, Java Script, Typescript, Python, Java, PHP, Swift, Flutter, HTML, CSS

**Frameworks/Technologies:** React, React Native, MySQL, Flask, Node.js, MongoDB, Express.js, FastAPI, Tailwind CSS, Docker, Expo, Postman, AWS, Firebase

**Developer Tools:** Git, GitHub, Unix/Linux, Google Cloud Platform, Figma, Heroku, VS Code, Chrome DevTools