

ChenYu Yang

(925) 963-3323 | San Jose, CA, 95131 | chenhy0120@gmail.com

Linkedin: <https://www.linkedin.com/in/chen14/>

GitHub: <https://github.com/ChenHCY>

Website: <http://chenresume.com/>

EDUCATION

Bachelor of Science in Computer Science | San Jose State University | GPA: 3.63 / 4.00
The SJSU President's Scholar Award (GPA Top 10%)

December. 2022
Spring 2020

RELATED COURSEWORK

Data Structures and Algorithms | Object-Oriented Design | Computer Architecture | Server-side Web Programming |
Formal Languages | Programming Language Paradigms | Mobile Device Development | Software Engineering | Operating Systems

TECHNICAL SKILLS

Coding Language: Java, C++, HTML, CSS, EJS, JavaScript, Node.JS, Vue.JS, MongoDB, Bootstrap, Python, Spring Boot
Tools: Eclipse, Visual Studio, cPanel, Git, Github, Android Studio, MySQL Workbench, Docker, Spring Tool Suite, Adobe
Language: English (Fluent), Chinese (Native Language) **Operating Systems:** Windows, Unix

RELATED EXPERIENCE

Computer Science Course Teaching Assistant | San Jose State University | San Jose, CA **June 2021 - Present**

- Grading students' lab, quizzes, programming homework, group projects, midterms, and final exam.
- Met weekly with the course professor to discuss improvements for the course and next week's course plan.
- Updated weekly lab work, and solve students' problems with programming homework, lab, and any course concepts.
- Conduct Weekly Homework Interviews with 20+ student to check whether the student understands the course concepts.

PROJECTS

Travel Country Website | Full-Stack Web-Application | San Jose, CA **Spring 2022**

- As the main designer and developer participated in the full-stack website development life-cycle from design through the implementation that can support 5000+ of users have no experience to make the best travel plan.
- Developed and maintained website applications using HTML, CSS, EJS, Node.JS, MongoDB Atlas databases, and tested website features through Mocha and Chai.
- Constructed the user interfaces, features, and intuitive layouts for the website utilizing CSS, HTML, EJS, and Bootstrap.
- Saving User account data and the Country's comments into the database through MongoDB, Node.JS, and shown in the website interfaces. Including can add the like comments links to the user's profile.

NASA'S Mars Rover Website | Full-Stack Web-Application | San Jose, CA **Spring 2022**

- Established a mars rover website application that pulls data from NASA's Mars Rover API through Java, Postman, and Spring boot. And using Postman and JUnit Test conducted the test.
- Developed and Built the website's front-end and page layout by using HTML, CSS, Bootstrap, and JavaScript.
- Architect the website's primary function and connect the database with the Front-end utilizing Spring MVC and Spring Boot, which allow users to choose from three of the Mars Rover lander and pull images from another planet.
- Create and Design a database entity utilizing MySQL that allows users can save the Mars Rover Images.

Fans Club Publicity Website | Website Application | San Jose, CA **Fall 2021**

- Devised the publicity responsive, interactive features website for around 1000+ people fans club which included stars' text introduction, video, picture display, and support links to other publicity media.
- Designed and Built website page UI layout and uploaded data links through HTML and CSS, including text introduction of the theme, promotional videos, and design of the index catalog.
- Launch the website with a single domain name and use cPanel administration, hosting domain, and maintain the website.
- Made the responsive web design and Website animation effects, including auto carousel background images, search bar feature, and the sliding timelines box, by utilizing JavaScript and CSS.

Book Find Mobile App | Android Application | San Jose, CA **Spring 2021**

- Developed an Android Mobile application to support users to find books that they are interested in by searching keywords and providing the user with more detailed information about the books through the use of Google API.
- Designed and realizes the user account feature so that users can create their own account to login into the Application.
- Built App active XML page layout, and connected it with the database through utilized of Android studio and Java.
- Implemented the automatic save feature by using MySQL and Java that can save the user's browsing history on the SQLite Database and also support the user to add the books they like into a list for later viewing.

ACTIVITIES

Room Monitors, Club Member, SJSU Computer Science Club

Jan 2021 - Present