

ChenYu Yang

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

GitHub: <https://github.com/ChenHCY/SJSU-CS151.git>

OBJECTIVE

I would focus on the Web front-end development engineer and I also can contribute in other areas.

EDUCATION / Honors Awarded

- **B.S. Computer Science** | San Jose State University, CA. | GPA: 3.618 05. 2022
The SJSU President's Scholar Award (GPA Top 10%) 2020
- **B.A. Computer Science** | Diablo Valley College, CA. | GPA: 3.5 2019

RELATED COURSEWORK

Program Design and Data Structures, Assembly Language Programming, Object Oriented Programming C/C++, Data Structures and Algorithms, Object-Oriented Design, Computer Architecture, Intro to Computer Graphics, Formal Languages, Programming Language Paradigms.

TECHNICAL SKILLS

- **Proficient:** Java, C/C++, HTML, CSS, JavaScript, Front-end development
- **Language:** English (Fluent), Chinese (Native Language)

PROJECTS

- Java School Class Explorer System** | San Jose State University | CA 2020
 - Implement a Java GUI application that loads a class file from a file system and displays all the class attributes and methods.
 - Used Java Swing and JavaFX libraries to implement the application that displays access modifier information along with input types and output types.
 - Implemented the application can display access modifier information along with input types and output types.
 - Used Java GUI and Java reflection programming to implement the application and display the class information.
- GNZ48 Chinese Fans Support Club Publicity Website** | San Jose | CA | <http://www.hcy0120.com/> 2020
 - This website is a publicity site for a fan club, mainly including text introduction, video and picture display, and links to other publicity media.
 - Use HTML5, CSS to build website page layout and upload data links, such as the text introduction of the theme, various promotional videos, and the design of the index catalog.
 - Use Javascript to complete the effects of all animation operations, such as switching pictures, moving directories, and hiding.
- C++ Supermarket Management Website System** | Diablo Valley College | CA 2019
 - Implemented the supermarket manager can provide functions like add, search, deleting, editing and joining new staff registration.
 - Similar systems mostly use arrays of structures to manipulate data. The system uses a linked list structure to manipulate data, and improved the efficiency of data processing.
 - Save each project information about the project, name, category, price, and quantity in the file system.
- C++ GUI Image Elevator Simulation System** | Diablo Valley College | CA 2018
 - Implemented the C++ GUI data structure and build the Elevator Simulation System.
 - Read, analyzed, and implemented people enter the elevator, or leave the elevator of the elevator move locus.
 - Successfully demonstrated the C++ GUI to build a complex image Simulation system.

RELATED EXPERIENCE

- CS-154 Class Student Assistant** | San Jose State University | CA 2021
 - Courses Taught: SJSU Computer Science 154 (Formal Languages and Computability)
 - Weekly meetings with course professor to discuss improvements to the course.
 - Updating weekly labs and projects, help the students with homework, labs, and any course concepts.
 - Grading labs, homework, projects, midterms, and final exams.