

# 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

- Computer Science Course Student Assistant** | San Jose State University | CA 2021
  - Courses Taught: CS154 (Formal Languages and Computability) And CS149 (Operating Systems)
  - 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.