ChenYu Yang

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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**   **December. 2022**
The SJSU President's Scholar Award (GPA Top 10%)   **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++, HTML5, CSS, EJS, JavaScript, Node.JS, MongoDB, Spring Boot, SQLite, Python
Tools: Eclipse, Visual Studio, cPanel, Git, Github, Android Studio, Zoom, Google Meets, Docker
Language: English (Fluent), Chinese (Native Language)

RELATED EXPERIENCE

Computer Science Course Teaching Assistant | San Jose State University **|** CA   **June 2021 - Present**
- Courses: Formal Languages and Computer Ability (52 students) and Operating Systems (35 students).
- Met weekly with course professor to discuss improvements for course.
- Updated weekly labs and projects, and helped students with homework, labs, and any course concepts.
- Graded students' lab, homework, projects, midterms, and final exam.

PROJECTS

Travel Country Website | Full-Stack Web-Application   **Spring 2022**
- As the main designer and developer participated in the website development life-cycle from design through the implementation that can support millions of users with less travel experience in a new country can make the best travel plan.
- Developed and maintained web applications and testing website features using HTML, CSS, EJS, Node.JS, MongoDB Atlas databases, and 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, and shown in the website interfaces. Including can add the like comments links to the user's profile.

Personal Resume Website | Web-Application **|** http://chenresume.com/   **Fall 2021**
- Designed and developed a personal website for mobile and desktop to showcase my skills, personal profile, work experience, activities, and project details.
- Built website page layout utilizing HTML and CSS that divide area, uploaded images, data links, word files, other website address, and videos.
- Implemented the color bar utilizing HTML and CSS that shows personal skills ability.
- Used CSS and JavaScript to achieve responsive web design and animation operations, such as switching pictures/video, and scaling images.

GNZ48 Fans Member Club Website | Web-Application **|** http://www.hcy0120.com/   **Fall 2021**
- Devised a publicity website for around 1000 people fans club which included stars' text introduction, video and picture display, and support links to other publicity media.
- Built website page layout and uploaded data links through HTML and CSS developing text introduction of the theme, promotional videos, and design of the index catalog.
- Implemented a search bar for customers to search the star's video with a keyword.
- Made animation effects, such as carousel images, and hid the index catalog by utilizing JavaScript.

Planet's Image Website | Back-End Application   **Spring 2021**
- Established a website application that pulls data from NASA's Mars Rover API through Java and Spring boot.
- Developed the main function in Spring MVC and Spring Boot, which allows users to select a Mars Rover lander and pull images from the correct planet.
- Implemented faster loading times for website by allowing users to save images on their desktop from the download database.

ACTIVITIES

Room Monitors, SJSU Computer Science Club   **Jan 2021 - Present**