

# CHENCE SHI

626-518-2712 | ascc594557067@gmail.com  
www.github.com/fLexsooP

## EDUCATION

### California State University, Fullerton

Bachelor of Science, Compute Science

Expected May 2024

**GPA:** 3.89 / 4.0 **Honors:** Dean Honors (All semester 2022, Spring 2023)

Relevant Coursework: Software Engineer, Object Oriented Programming, Data Structures and Algorithm, Operating System.

## EXPERIENCE

### California State University, Fullerton

Fullerton, CA

Association for Computing Machinery (Team leader)

September 2022 - Present

- Collaborate with a team of fellow club members to conceptualize, plan, and execute software projects.
- Actively engaged in regular team meetings, fostering discussions, brainstorming sessions, and collaborative troubleshooting to facilitate idea exchange and effective problem-solving.

### California State University, Fullerton

Walnut, CA

Computer Science Tutoring Center (Tutor)

January 2023 - Present

- Assist students in understanding and applying course materials, concepts, and theories. Offer guidance on study skills, time management, and exam preparation.
- Collaborate with faculty and other tutors to develop and implement effective tutoring strategies and resources.

## PROJECTS

### Recipest — [Github](#) — React / Bootstrap / HTML / CSS / Javascript / Vercel

- Developed a mobile-friendly responsive front-end application allowing users to view and search for recipes.
- Implemented React Router to enable smooth navigation between different views of the web app, enhancing user experience.
- Utilized a third party API to populate form fields, and providing up-to-date and accurate recipe information dynamically.
- Using Framer Motion and Splide to provide smooth transitions, animations, and interactions.

### ToDoList — [Github](#) — HTML / CSS / Javascript / MongoDB / Heroku

- Build server-side rendering app from scratch allows users to create, read, update, and delete tasks in a to-do list format.
- Using dynamic routing design allows users to create different pages.
- Implemented features such as persistent data storage, and real-time updates, resulting in a smooth and responsive user experience.
- Implemented RESTful routes and communication application for manipulating database storage.

### Hotel Reservation System — [Github](#) — Java | MySQL

- Utilized CLI for the User Interface, prompt user to enter commands to create account, search for available rooms, book rooms and review booking status.
- Invoke Java API to store user and order information in mysql database. Implement search function through querying.
- Build an admin system to track unique events (customer information, reservations, and available rooms), which allow the admin to manipulate rooms and see the state of events.

### Udacisearch — [Github](#) — Java

- Design and deployed a web crawler to collect popular words count for websites with java libraries( jsoup, Jackson, Guice).
- Developed multithreading scheme to enhance the performance of speed up to 60%, using thread pools and concurrent collector to optimize synchronization.

## TECHNICAL SKILLS

**Language:** C/C++, Python, Java, HTML, CSS, Javascript, Typescript, SQL, x86 Assembly

**Framework:** Node.js, React, Express, Next.js, MySQL, MongoDB, Bootstrap, jQuery, Svelte

**Tools:** Git, Visual Studio Code, IntelliJ IDEA, Jira, Heroku, Vercel, Microsoft Office

**Environment:** Windows, Linux, Mac OS

**Speak Languages:** English and Chinese (Fluent)