

Gerui (Gary) Li

gel002@ucsd.edu | (858) 539-3855 | San Diego, California | www.linkedin.com/in/gerui-gary-li | <https://github.com/GeruiLi>

EDUCATION

University of California San Diego
Bachelor of Science, Computer Engineering
Bachelor of Arts, Economics

Expected December 2023

- GPA: 3.537
 - Provost Honor
 - Courses: Introduction to Programming and Computational Problem Solving, Basic Data Structures and Object-Oriented Design, Software Tools and Techniques Laboratory, Computer Organization and Systems Programming, Mathematical Reasoning, Enumerative Combinatorics, Advanced Data Structures, Design and Analysis of Algorithms, Theory of Computability, Software Engineering, Online Database Analytics Applications, Managing Diverse Teams
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EXPERIENCE

University of California San Diego, La Jolla, California
CSE tutor at Computer Science and Engineering Department

September/2021 - now

- Assisted class of about 600 students in computer architecture implementations in C and ARM
- Hold more than 80 hours of lab hours to analyze and debug students' code with GDB and Valgrind

University of California San Diego, La Jolla, California
Math tutor at Academic Achievement Hub

March/2021 - January/2022

- Held tutoring sessions in Calculus and Linear Algebra classes.
 - Helped over 100 students with class concepts and practice problems.
 - Attended weekly trainings in effective teaching strategies.
 - Worked with tutors across disciplines to solve complicated problems.
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PROJECTS

"San Diego Zoo Seeker" Java Android App

March/2022 – now

- Made an app that mocks user locations and gives user optimized route for visiting planned exhibits in San Diego Zoo
 - Programmed in Java using Android Studio with application's template activities as basic user interface
 - Applied techniques such as Basic Object-Oriented Design, Single Responsibility Principle, Dependency Inversion, and Open-Closed Principle
 - Worked closely with five other teammates following agile software process and Behavior-Driven Development
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LEADERSHIP

Chinese Business Society at UC San Diego, La Jolla, California
Head of Professional Development Division

October/2019 - March/2022

- Attended weekly training in presenting, networking, and interviewing.
 - Held a LinkedIn workshop with one other member with over 50 participants.
 - Managed 10 members to conduct quarter long job and school research.
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SKILLS & ACTIVITIES

- Programming Languages: Java, C, C++, Python, CSS, HTML, JavaScript, PHP
- Technologies: Linux, Git, GitHub, GDB, Valgrind, Android Studio, JUnit, Espresso, Robolectric, ZenHub
- Languages: Mandarin, English.