

# Clarence Chow

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<https://github.com/clarencechow/>

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## Education:

**University of California, San Diego**  
**Bachelor of Science in Computer Science**  
**GPA: 3.92/4.0**

**Expected Graduation: December 2025**

## RELEVANT COURSES:

- Discrete Mathematics
- Software Tools and Techniques
- Computer Organization and Systems Programming
- Operating Systems
- Digital Systems Laboratory
- Components and Design Techniques for Digital Systems
- Logic Circuits
- Computational Methods
- Advanced Data Structures
- Design/Analysis of Algorithms
- Software Engineering
- Agile Software Process

## TECHNICAL/NON-TECHNICAL SKILLS:

- Git, GitHub, Git Actions CI
- Android Studio, Visual Studio Code
- Java, C, C++, Python
- Linux, Windows
- Bash
- JUnit Testing
- Bilingual in English and Mandarin
- Grade 8 in Piano

## PROJECTS/RESEARCH:

### UCSD Software Engineering

**January 2024 – March 2024**

- Developed mobile software to track a list of daily reminders
- Wrote and implemented user stories based on provided end-to-end scenarios
- Tested using Android tests, JUnit tests, and object mocking

## EXPERIENCE:

### Happy Mozart Music School, San Mateo, CA

**Database Developer**

**June 2021 – April 2022**

- Created a database to track the music school's students' attendance, contact information, appointment times, etc. using Java
- Installed database on site in the school computer
- Trained the staff on the usage of the database, improving their ability to operate the database and increasing overall effectiveness
- Regularly updated to add new features and improve overall runtime efficiency

## LEADERSHIP/ORGANIZATIONS:

### Private Tutor at Mark Keppel High School

**September 2020 – May 2022**

- Tutored in calculus, physics, and Java programming
- Provided 2-4 hours of tutoring sessions per week to students ranging from grade 10 to grade 12
- Tutored both digitally and in-person, in small groups and 1-on-1
- Tailored tutoring sessions to individual students by targeting their weaker areas and helping them improve their general understanding of subjects