

# JIAQI WU

## WORK EXPERIENCE

### FULL STACK APP DEVELOPER

Jul 2024 - Oct 2024

*UCSD Chinese Students & Scholars Association*

*La Jolla, CA*

- Designed UCSD CSSA app, enhancing user engagement and satisfaction.
- Optimized app performance, improving load times and retention.
- Utilized Node.js for data handling and Tencent Cloud for storage.
- Collaborated with teams to achieve measurable performance gains.

### RESEARCHER

Apr 2024 - Jul 2024

*Agential*

*La Jolla, CA*

- Designed AI agent structures, enhancing performance across benchmarks with zero-shot examples.
- Tested and documented AI methods in an open-source library, improving accessibility.
- Implemented diverse prompting techniques, achieving measurable improvements in agent efficiency.

### INDUSTRY RESEARCH ASSISTANT

Aug 2022 - Sep 2022

*Interactive Entertainment Technology Co., Ltd*

*Shanghai*

- Analyzed industry reports, conceptual brain maps, and UI interaction schematics. Designed in-game levels, including dynamic scene planning and experience rhythm flow, ensuring both numerical balance and engaging gameplay.

### COMPUTER PROGRAMMER

Oct 2019 - Mar 2023

*Robotic Vision Piotech Robotic Team*

*Wayne, NJ*

- Collaborated with mechanical team to secure Rookie Inspiration Award in 2022 regional competition.
- Implemented object detection in Java using OpenCV, enhancing robotic vision capabilities.
- Contributed to team success through innovative programming solutions and problem-solving skills.

## EDUCATION

### B.S. IN MATHEMATICS-COMPUTER SCIENCE

Sep 2023 - Jun 2026

*University of California-San Diego*

*La Jolla, CA*

GPA: 3.95/4.0

Major Coursework: Calculus 1-5, Linear Algebra and Numerical Analysis, Advanced Data Structure, Recommender Sys & Data Mining, Computer Graphics

## SKILLS

Python (*Experienced*), C++ (*Skillful*), JavaScript (*Skillful*), HTML5/CSS (*Skillful*), AWS (*Skillful*),  
Data Analysis (*Experienced*), Machine Learning (*Experienced*), Microsoft Office, Adobe InDesign, Git.

## LINKS

Portfolio: [jgiotto12.github.io](https://jgiotto12.github.io).