

Contact

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(LinkedIn)

Top Skills

Outreach Services
Corporate Communications
Retrieval-Augmented Generation (RAG)

Languages

Chinese (Native or Bilingual)
Malay (Limited Working)
English (Native or Bilingual)

Qianyying Wong

Prev. @ AMD | Cognitive Robotics Lab | Spatial Neuroscience Lab
Irvine, California, United States

Summary

Hi all, Ying here!

I'm in my fourth and final year at UC Irvine as a Cognitive Science and Computer Science student. My unique academic expertise has helped me gain experience in machine learning, neuroscience research, software engineering, robotics, and game development.

Outside of school and work, I run a lion dance team in Orange County. Culture is important to me.

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Feel free to check out my github, if that's your thing: <https://github.com/wqying>

Experience

UCI ICS Student Council
Corporate Outreach
November 2025 - Present (2 months)

UC Irvine Donald Bren School of Information and Computer Sciences

Python Teaching Assistant
March 2025 - Present (10 months)
Irvine, California, United States

Introduced and taught the Python programming language and its libraries to 200+ first-year computer science students.

Topics covered: OOP, Tkinter, REST APIs, HTTP requests

UC Irvine
3 years 4 months

Machine Learning Research Assistant
September 2024 - Present (1 year 4 months)

Irvine, California, United States

Developed the cognitive architecture of a biomimetic robot in Python. Used reinforcement learning techniques to train the neurorobot. Presented the CuttleBot project at the annual UCI UROP Symposium.

Data Science Research Assistant

September 2022 - November 2025 (3 years 3 months)

California, United States

Collected, analyzed, and cleaned up data for over 100 human participants in a VR research experiment using Python NumPy and Rstudio. Co-hosted "Unity in VR for research" workshop, and taught 20+ graduate students the basics of Unity engine.

Cognitive Science Association at UCI

Chief Technology Officer

June 2024 - Present (1 year 7 months)

Irvine, California, United States

Maintained the club website to support member engagement and event visibility, improved site usability by restructuring content layout, and hosted events that contribute to the cognitive science community at UCI.

Gió Nam Múa Lân (Southern Wind Lion Dance)

Coordinator

September 2024 - Present (1 year 4 months)

Irvine, California, United States

Oversee all logistical aspects of the team, from handling clients to scheduling performers, ensuring professionalism and quality of performances.

AMD

AI CAD Intern

June 2025 - September 2025 (4 months)

Austin, Texas, United States

Built an AI agent and visual workflow platform that automated EDA tool processes end-to-end, translating natural-language requests into DAG-based pipelines with schema-grounded information extraction, conversation memory, and a deterministic Qt signal bridge; shipped plugin-based orchestration with monitoring, telemetry, and auto-updates.

UCI Center for Student Leadership

SPOP Orientation Leader

April 2023 - October 2024 (1 year 7 months)

California, United States

Provided guidance and introduced campus resources to 5000+ new students over the course of 7 orientation sessions, including acting as resident advisor for dorms of 50+ students in the overnight program

UC Irvine Athletics

Event Staff

October 2022 - September 2023 (1 year)

United States

Coordinated with head coaches and student athletes to ensure smooth operation of games

Foon Yew High School 宽柔中学

Vice President of Drama Club

June 2018 - December 2021 (3 years 7 months)

Malaysia

Served 100+ club members.

Education

UC Irvine

Bachelor of Science - BS, Cognitive Science · (September 2022 - June 2026)

Foon Yew High School 宽柔中学

High School Diploma, Sciences · (January 2019 - December 2021)