

JIARUI WANG

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PROFILE

- A dedicated and highly motivated student with a strong academic background and a passion for scientific research, particularly in Artificial Intelligence and its applications in Chemistry.
- Recognized for outstanding leadership, mentoring, and organizational skills through roles such as Mentor Peer Leader and Event Intern at UNSW College.
- Award-winning participant in prestigious national and international science competitions, showcasing excellence in innovative problem-solving and teamwork.
- Demonstrates proficiency in communication and technical skills, with a proven ability to thrive in diverse and challenging environments.
- Aspires to leverage academic and professional experiences to make meaningful contributions at intersection of AI and science.

EDUCATION

Bachelor of Advance Science (Hons) & Bachelor of Science University of New South Wales

February 2025 - Present

- Major in Chemistry and Artificial Intelligence.
- Minor in Molecular Biology.

Standard Foundation Program University of New South Wales

January 2024 - November 2024

- Scholarship: UNSW Pathway Scholarship, A\$2500.
- GPA: 8.9/10 in Term 1.

AWARDS AND PRIZES

- Honours: "Outstanding Mentor of the Year 2024," UNSW College Peer Mentoring Program (2024).
- Scholarships: UNSW Pathway Scholarship (2024).
- Awards: Student Leadership Award, UNSW College (2024).
- Awards: Student Engagement Award, UNSW College (2024).
- Awards: Third Prize, The 37th China Chemistry Olympiad (2023).
- Honours: "Outstanding Camper," "Next Generation Scientists" Training Program, WLA Discovery Camp (2023).
- Awards: First Prize, Algorithm Challenge Project, 2nd Yangtze River Delta Youth Artificial Intelligence Olympic Challenge (2022).
- Awards: Best Display Award (Champion), "Me in the Metaverse", 2nd Yangtze River Delta Youth Artificial Intelligence Olympic Challenge (2022).
- Honours: "Outstanding Student," Shanghai Xuhui District Education Bureau, The 13rd Shanghai Xuhui District "Guangqi" Youth Innovation Education Base (2022).

PROJECTS

Peer Mentoring Program UNSW College

July 2024 - Present

- Mentored new students, offering guidance on university life and resources.
- Organized weekly activities to enhance student engagement and experience.
- Delivered training sessions to maintain mentoring standards.
- Supervised and supported mentors through meetings and performance reporting.

"Next Generation Scientists" Training Program Shanghai Municipal Education Commission

September 2022 - June 2023

- Selected as a top-performing student in Shanghai for specialized training.
- Engaged in advanced scientific courses with leading institutions such as Shanghai Jiao Tong University.
- Listened lectures by world-renowned scientists, such as Prof. Ernesto Carafoli.

Researcher Shanghai Youth Institute of Sciences

January 2023 - June 2023

- Conducted guided research under professors and industry experts.

- Studied with online courses from top Shanghai universities.

"Guangqi" Innovation Base
Shanghai Xuhui District Education Bureau

September 2021 - June 2022

- Recruited as part of an elite group for innovative projects supported by Shanghai Jiao Tong University.

EMPLOYMENT HISTORY

Mentor Peer Leader
UNSW College

November 2024 - Present

- Supervise and collaborate with Peer Mentors to deliver exceptional support to new students.
- Facilitate training sessions to maintain quality mentorship standards.
- Serve as primary contact for mentors, managing relationships and addressing concerns.

Event Intern
UNSW College

May 2024 - October 2024

- Facilitated in organizing and managing events with up to 1500 participants.
- Collaborated closely with supervisors to complete risk assessments and administrative tasks.
- Coordinated with other staff to ensure smooth event operations.
- Developed communication and preparation skills essential for large-scale events.

SKILLS

Administrative Skills: Proficient in Microsoft Office (Word, Excel, PowerPoint), event planning, data entry.

Technical Skills: Experienced in C++ and Python, LaTeX, IR Spectroscopy, UV Spectroscopy, Liquid Chromatography, Mass Spectroscopy.

Languages: English (Professional Proficiency), Chinese (Native).

REFEREES

Available upon request. Please contact me via email to obtain recommendation letters.