

Jessica Liao

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EDUCATION

University of California, Irvine

Bachelor of Science, Major in Computer Science, Minor in Statistics

2023 - Exp 2027

RELEVANT COURSEWORK

Python, C++, Discrete Math

EXPERIENCE

Toledo Zoo

Toledo, OH

Sustainability Volunteer

May 2021 - June 2023

- Received two Silver Presidential Service Awards for contributing 300+ hours of volunteer service.
- Served as a Peer Support Partner, providing guidance and encouragement to fellow volunteers who needed additional support
- Directed the TerraCycle committee where I directed recycling operations.
- Volunteered in various community service and conservation projects such as packing food for senior citizens at the food bank and cleaning up litter found at local parks

Sue & Bill Gross School of Nursing, UCI

Irvine, CA

Design Subgroup Researcher

April 2024 - Present

- Collaborating with an interdisciplinary team in nursing, computer science, and informatics, under Dr. Adey Nyamathi to construct a Care-Companion robot (CCR) using AI to help mitigate agitation for people with moderate to severe dementia
- Developed personas and played out roleplay scenarios for quality control of the CCR ensuring it meets user needs

PROJECTS

Video Game Development Club, UCI

Irvine, CA

Rhythm Game Developer

October 2024 - December 2024

- Worked alongside four students to develop a game using the Unity engine.
- Collaborated with artists and designers to optimize game performance and aesthetics.
- Implemented menu and health system features.

SKILLS

Python, C++, C#, Unity