Emily Gao Wang

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EDUCATION

University of California, Irvine   2022 - 2026 (Expected)
Bachelor of Computer Science (Dean's List)   GPA: 3.79 / 4.0
Relevant coursework: User Interaction Software, Intermediate Programming, Computer Organization

SKILLS

Technical skills: Python, Java, C++, MIPS, HTML/CSS, R, Javascript, SQL
Tools: Git, Visual Studio, Intellij IDEA, Pycharm, RStudio, IDLE, Word, PowerPoint
Languages: Fluent in Chinese and English

LEADERSHIP EXPERIENCE

Introductory Computer Organization (ICS 51) Lecture Assistant | MIPS   Sep.2023-Present
University of California, Irvine   Irvine. CA
- Engaged in weekly meetings with the professor and fellow LAs to discuss weekly tasks.
- Conducted lab sessions and office hours, spanning 4 to 6 hours per week, to address students' queries.
- Employed innovative teaching methods to assist students with advanced topics such as Memory Organization, Number Representations, and MIPS Programming, leading to increased student comprehension.

Introduction to Programming (ICS 31) Undergraduate Lab Tutor | Python   Mar.2023-June.2023
University of California, Irvine   Irvine. CA
- Mentored 40 students during lab sessions three times a week. Assisted students in gaining a clear understanding of learning content and assignment questions. Co-hosted lab exams twice a week with a Teaching Assistant and another tutor to ensure smooth exam administration and resolve student issues.
- Participated in weekly meetings with the course instructor and fellow tutors, offering feedback to improve lab processes and enhance student learning experiences.

PROJECTS

Petr's Wardrobe, Venushack 2023   May 2023
- Developed a website, in a team of three, using **HTML**, **CSS**, and **JavaScript**, enabling users to create customized characters (Petr-UCI's mascot) by mixing and matching clothes using interactive arrows.
- Designed and illustrated over 20 clothing items for the character, Petr, to craft unique Petre stickers.

HackSport, Hack2023   Feb. 2023
- Built a website named HackSports with three team members, utilizing **HTML**, **CSS**, **JavaScript**, and **APIs**. This platform lets users enter keywords to find sports and relevant details.
- Set up backends with **Flask**, integrating **APIs** from a website called Decathlon to source data for search functionalities. Collaborated with team members to bridge frontend and backend development.

Climate XR, *Level Designer*   Spring 2023
- Crafted two comprehensive level design documents, brainstormed, and refined ideas with design team members, leading to design modifications and enhancing communication among departments.

Tianjin Artificial Intelligence Program, Tianjin, China   Oct 2021
- Led a team of 6 in innovating an automatic drying rack model. Utilized **Pycharm** and **OpenMv** programming platforms to automate the collection of clothes based on environmental factors like air humidity and time.
- Produced a two-minute video highlighting the team's production process and collaborated with teammates in a presentation showcasing our projects.

SELECTED AWARDS AND ACTIVITIES

Chinese Union Computer Science (CUCS)   Present
Mentee Certificate of Completion, *Undergraduate Research Opportunity Program*   Spring 2023
Chinese Fitness Union (CFU), *Minister of Propaganda*   Winter 2022-Present
USACO Gold Division   Dec 2021