Jiahui Li

jiahuili041021@gmail.com | (626)233-5624 | [LinkedIn](#)

SUMMARY

Third year student at UCSD with strong time management, organized, and motivated. Passionate about design and technology, motivated to apply innovative problem-solving and creative thinking to real-world challenges. Seeking opportunities to expand design and technology skills while contributing to company growth.

EDUCATION

University of California - San Diego – La Jolla, CA

B.S., Cognitive Science Specialization in Design and Interaction   **Expected in 03/2026**

- GPA: 3.86/4.0 with Provost Honor
- Minors: Computational Social Science | Design
- Relevant Coursework: System analysis and design, programming in Python & R, prototyping, data analysis, UI/UX design, human-computer interaction (HCI), cognitive neuroscience

---

PROJECT

Predicting Air Pollution Using Machine Learning (R)   **Sep. 2024 - Nov. 2024**

- Conducted exploratory data analysis (EDA) using ggplot2 to visualize trends and correlations to highlight and analysis pollution patterns across the U.S.
- Develop a Random Forest regression model to predict PM2.5 level.
- Demonstrated that incorporating weather data increases model performance (R^2 from 0.584 to 0.784).

Social Computing   **Jan. 2024 - Mar. 2024**

- Designed *Hidden Quest*, a unique social computing platform, using user research, detailed wireframes, and functional prototypes to foster meaningful interactions.
- Refined the design through usability testing and iterative improvements based on user feedback.
- Presented a comprehensive portfolio showcasing innovative applications of social computing principles and interactive technology. View portfolio [here](#).

Redesign UCSD Webreg   **Nov. 2023 – Dec. 2023**

- Conducted user observations and interviews to gather qualitative data, ensuring a user-centered approach.
- Created a video highlighting usability gaps in the UCSD WebReg system to frame the redesign process.
- Redesigned the WebReg system using Figma, improving functionality and user experience by applying UX/UI best practices and user feedback.
- Presented the project, earning recognition for clear communication and innovative solutions.

EXPERIENCE

UCSD Cognitive Science Department

Instructional Apprenticeship   **Sep. 2024 - Dec. 2024**

- Leadership experience in leading interactive studio sessions to enhance student engagement and learning.
- Collaborated with the teaching team to refine course materials and instructional strategies.
- Graded assignments and projects, providing detail and constructive feedback to ensure understanding and success.
- Responded to student inquiries via email and Canvas Piazza, clarifying course material and addressing concerns.

Mr. Dumpling, Rancho Cucamonga, CA

Customer Service   **Oct. 2020 - Sep. 2023**

- Provide excellent customer service by resolving inquiries, and ensuring a positive customer experience.
- Operated POS systems to process orders, track sales, and manage transactions with accuracy and efficiency.
- Trained and mentored new team members, fostering a collaborative and productive work environment.
- Effectively managed high-pressure situations by prioritizing tasks to maintain smooth and consistent working.

SKILLS

- **Programming:** Python, R, HTML, Data Analysis
- **Design:** Prototyping, Figma, Canva, User Research
- **Project Management:** team collaboration and communication
- **Languages:** English (Fluent), Mandarin (Native), Spanish (Basic)