QINSHI(CAROL) ZHANG

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RESEARCH INTERESTS

Interests: HCI,Machine learning,AI for social good,Accessibility, Social security

EDUCATION

University of California, Irvine (UCI)   Sep 2023 - June 2024 (expected)
Graduate Success Through Academics and Research (DCE)

Auckland University of Technology (AUT)   Sep 2021 - Jun 2023
Bachelor of Computer and Information Sciences

China Jiliang University (CJLU)   Sep 2019 - Jun 2021
BEng in Computer Science and Technology

PUBLICATIONS

- **[CHI '24]**suifang Zhou*,Latisha Besariani Hendra*,**Qinshi Zhang***,Jussi Holopainen,RAY LC†; **Eternagram: Probing Player Attitudes Towards Climate Change Using a ChatGPT-Driven Text-based Adventure.**Accepted to **CHI Conference on Human Factors in Computing Systems**.

- **[SIGGRAPH ASIA'23]**,**Qinshi Zhang**,Ray LC, Sijia Liu, Latisha Besariani Hendra,Suifang Zhou,and Pengfei Zhou.**Artwork: Forgotten Planet.**Submitted to **SIGGRAPH ASIA 2023**.

RESEARCH EXPERIENCE

Mobile Sensing of Pedestrian Behaviors   Oct 2023 - Present
Advised by Dr. Kaixing Zhao

· Proposed the idea of mobile sensing of pedestrian behaviors using machine learning algorithms
· Conducted a literature review on mobile sensing, incentive mechanisms
· Responsible for collecting pedestrian behavior feedback data and improving data quality

ChatGPT-based Climate Change Promotion Game   Jun 2023 - Dec 2023
Advised by Dr. Ray LC

· Proposed the idea of a ChatGPT-based interactive game to promote climate change actions
· Developed a world-building game utilizing GPT-4 and other NLP techniques
· Responsible for user studies, including recruiting, interviewing, data analysis, and writing

Gstreamer-based Video Analysis Framework Design   Sep 2022 - May 2023
Advised by Dr. Haijun Tao & Dr.Lin Xiang

· Developed a video analysis framework based on the Gstreamer library and Yolo v5 algorithm
· Designed user interface and developed the web page
· Constructed a dataset by collecting real-time video monitoring and detection data

AWARDS & HONORS

- 2nd Prize,17th E-commerce Competition,Zhejiang Province(Class A),2022

- HCIA Big Data Engineer Certificate (Junior Big Data Engineer), 2020

- Academic Scholarship, CJLU, 2020

- Merit Scholarships * 4, CJLU and AUT, 2019-2023

COMMUNITY

- Volunteer, CHI, 2024

- Volunteer, Chinese CHI, 2023

- Volunteer, Giving Farm Service Project, 2023

- Volunteer, Senior Community Service, 2021

SKILLS

- **Programming Languages and Tools:** Java, Python (Pytorch), HTML/CSS/Javascript, SQL,SPSS

- **Applicable Skills:** User research (interview, survey, user testing), Prototyping, UI/UX design

- **Languages:** Mandarin (native), English (fluent)