Yixin "Daisy" Chen

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EDUCATION

MS in Information Management   June 2025 (Expected)

University of Washington   United States

BSc in Computing Science (Honors)   June 2023

University of Aberdeen   United Kingdom

BEng in Software Engineering   June 2021

South China Normal University   China

WORKING EXPERIENCE

Graduate Research Assistant | *User Empowerment Lab @ University of Washington*   Nov 2023 - present

- Conduct a qualitative-methods study to investigate the use of advanced technology (generative AI) in assisting people with their relationship disengagement process.
- Found that there's an overlap between the breakup process and the Transtheoretical Model (TTM) of behavior change, and proposed the potential support and affordances AI could offer in breakups through the lens of TTM.

HCI Researcher | *Studio for Narrative Spaces @ City University of Hong Kong*   June 2023 - Present

- Conducted a mixed-methods study to understand the unique social behaviors of social VR users gathering en masse in front of mirror.
- Found that mirror's synergistic effect with avatars increases immersion and enhancing idealized embodiment, and proposed design consideration for facilitating user communication and social interaction in VR, such as using predictive machine learning tools to enable realistic full-body tracking for embodiment of the avatar.

Graduate Research Assistant | *iStartup Lab @ University of Washington*   March 2024 - May 2024

- Analyze internet latency between Seattle and 23 remotely located hospitals.
- The findings include significant variabilities that highlight network quality is a key determinant for the successful diffusion of telerobotic surgery, and propose deliberate priority actions aimed at surmounting connectivity challenges to healthcare facilities that can be centers for the expansion of surgical services.

Research Intern for Computation and Design | *DKU HCI Lab*   Jan 2023 - June 2023

- Conduct observations of in-person Non-Pharmacological Intervention (NPI) activities, and interviews with therapists and caregivers, to understand how practitioners perceive the use of technologies in practical NPIs for People with Dementia.
- Found that existing technology-mediated interventions are limited by various factors (e.g., types of technology, case scenarios, etc.), and proposed design considerations for effective NPI technologies, such as fostering a collaborative caring ecosystem among multi-stakeholders.

User Experience Design Intern | *China Unicom*   June 2021 - Sept 2021

- Conducted a survey and focus groups to evaluate the user experience of a customer service chatbot.
- Proposed practical suggestions (e.g., shorter duration of dialogue, quicker re-direction to human customer service) and worked with the developing team to improve user experience.

Software Developer Intern | *China Telecom*   Dec 2020 - Feb 2021

- Responsible for user research, design, implementation and evaluation of several functions (e.g., automatic reply, transaction history) in the embedded program in WeChat.

PUBLICATION

- Alexis Hiniker, Yue "Chris" Fu, **Yixin "Daisy" Chen**, Jenny Radesky. (2024). A Taxonomy of Extended-Use Designs on Very Large Online Platforms [White paper]. European Commission.
- Yue Fu, **Yixin Chen**, Zelia Gomes Da Costa Lai, and Alexis Hiniker. Should ChatGPT Write Your Breakup Text? Exploring the Role of AI in Relationship Dissolution *Under the Revise and Resubmit process for the ACM Conference on Computer Supported Cooperative Work 2024* **(CSCW'24)**, https://arxiv.org/pdf/2401.09695

- Kexue Fu, Ruishan Wu, Yuying Tang, **Yixin Chen**, Bowen Liu, and Ray LC. "Being Eroded, Piece by Piece": Enhancing Engagement and Storytelling in Cultural Heritage Dissemination by Exhibiting GenAI Co-Creation Artifacts. *To Appear at the ACM Conference on Designing Interactive Systems 2024* **(DIS'24)**, https://dl.acm.org/doi/10.1145/3544548.3581464
- Kexue Fu*, **Yixin Chen*(Co-first author)**, Jiaxun Cao, Xin Tong, and Ray LC. "I Am a Mirror Dweller": Probing the Unique Strategies Users Take to Communicate in the Context of Mirror in Social Virtual Reality. *The 2023 ACM Conference on Human Factors in Computing Systems* **(CHI'23)**, https://dl.acm.org/doi/10.1145/3544548.3581464

ACADEMIC SERVICE

Paper Review

CHI 2024, DIS 2024, CUI 2024, IDC 2024

Session Chair

CHI 2024 (Digital Healthcare and Communication)

SKILLS

- Qualitative Research: Interview, Thematic Analysis, Grounded Theory, Ethnography, Value Sensitive Design, Usability Testing.
- Quantitative Research: Survey, Experimental Design, A/B Testing, Topic Modeling, Sentiment Analysis.
- UX Design & Prototyping: Figma, Sketch, Adobe XD, Miro, Whimsical.
- Programming Languages and Tools: Front-End Development (HTML, CSS, JavaScript), Back-End Development (Java, Python), Markup Language (LaTeX), 3D Modeling (Blender), Game Engine (Unity, VRChat SDK), Statistical Analysis (R, Matlab, SQL, SPSS).