

Zhaohui Liang

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Education

University of Chinese Academy of Sciences

MS in CS | Advanced Interactive Technology Laboratory | Advised by Guihua Shan, Yang Wang
GPA: 3.75/4.0 | Research Interest: HCI, Visualization

Beijing

Sep. 2022 - June. 2025

Sichuan University

BS in CS with Honors | Visual Computing Lab | Mentored by Min Zhu
GPA: 3.70/4.0 | Research Interest: HCI, Visualization

Chengdu

Sep. 2018 - Jun. 2022

Technical Skills

Front-end React, Vue, TypeScript, HTML/CSS
Back-end Python, Node, GPT, Flask, Pandas, Sklearn, SQL
Visualization D3, Vega-lite, Echarts

Publications

- [1] **Zhaohui Liang**[†], Yonglin Chen[†], Naser Al Madi, Can Liu. “*Desirable Unfamiliarity*: Insights from Eye Movements on Engagement and Readability of Dictation Interfaces,” *under review*.
- [2] Nanyi Wang, **Zhaohui Liang**[†], Xipei Ren. “Exploring Emotional Responses of Different Users to Narrative and Divergent AI-Generated Content in Human-AI Co-Creation: Evidence from fNIRS,” *under review*.
- [3] **Zhaohui Liang**[†], Xiaoyu Zhang[†], Kevin Ma, Zhao Liu, Xipei Ren, Kosa Goucher-Lambert, Can Liu. “*StoryDiffusion*: How to Support UX Storyboarding With Generative-AI,” *under review*. [\[Arxiv\]](#) [\[Github\]](#)
- [4] **Zhaohui Liang**, Guan Li, Ruiqi Gu, Yang Wang, Guihua Shan. “*SampleViz*: Concept based Sampling for Policy Refinement in Deep Reinforcement Learning,” *2024 IEEE 17th Pacific Visualization Conference (PacificVis)*, Tokyo, 2024, pp. 359-368. [\[Link\]](#) [\[Github\]](#)
- [5] **Zhaohui Liang**, Min Zhu, Lin Yao, Xiangkun Wang and Mengqi cao. “Survey of Visualization Methods on Academic Citation Information,” *Computer Science*, 2022, 49(04): 88-99. (in Chinese)

Research Projects

Investigating Gaze Patterns in Using Dictation Interfaces to Reduce Reading Cost

City University of Hong Kong | Can Liu
Colby College | Naser Al Madi

Remote

Mar. 2024 - present

Enhancing Storyboard Creation with LLM and Diffusion Model

City University of Hong Kong | Can Liu
University of California, Berkeley | Kosa Goucher-Lambert

Remote

June. 2024 - Feb. 2024

Interactive Policy Refinement and Explainability in Deep Reinforcement Learning

University of Chinese Academy of Sciences | Guihua Shan

Beijing

Jan. 2022 - Apr. 2023

Research on Visualization and Alignment of Multivariate Event Sequence

Zhejiang University | Yingcai Wu

Hangzhou

Jun. 2021 - Aug. 2021

Research on Visualization in Academic Citation Data

Sichuan university | Min Zhu

Chengdu

Oct. 2020 - Apr. 2021

Awards and Honors

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| Jun. 2023 | Honorary Title: “Excellent Student of University of Chinese Academy of Sciences” top 10% | Beijing |
| Jun. 2022 | Honorary Title: “Outstanding Graduate of Sichuan University” | Chengdu |
| Apr. 2021 | Contest: Honorable Mention in “American College Mathematical Modeling Competition (MCM/ICM)” | |
| Oct. 2020 | Scholarship: “Yu Zhang Excellence Scholarship” top 5% | Chengdu |

References

- Can Liu
Ph. D, Assistant Professor, at the School of Creative Media, City University of Hong Kong, Hong Kong
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- Kosa Goucher-Lambert
Ph. D, Assistant Professor, at Department of Mechanical Engineering, University of California, Berkeley
✉ kosa@berkeley.edu
- Naser Al Madi
Ph. D, Assistant Professor, at Department of Computer Science, Colby College
✉ nsalmadi@colby.edu
- Guihua Shan
Ph. D, Professor, at University of Chinese Academy of Sciences, Beijing
✉ sgsh@cnic.cn
- Yang Wang
Ph. D, Senior Engineer, at University of Chinese Academy of Sciences, Beijing
✉ wangyang@sccas.cn
- Min Zhu
Ph. D, Professor, at college of Computer Science and technology, Sichuan University, Chengdu
✉ zhumin@scu.edu.cn