

# 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: Visualization, HCI

Beijing

Sep. 2022 - June. 2025

### Sichuan University

BS in CS with Honors | Visual Computing Lab | Mentored by Min Zhu  
GPA: 3.66/4.0 | Research Interest: 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**<sup>†</sup>, Xiaoyu Zhang<sup>†</sup>, Kevin Ma, Zhao Liu, Xipei Ren, Kosa Goucher-Lambert, Can Liu\*. “*StoryDiffusion*: Exploring How Designers Co-Create Storyboards With a Generative-AI System,” *under review*. [\[Github\]](#)
- [2] **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. [\[Link\]](#) [\[Github\]](#)
- [3] **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) [\[Link\]](#)
- [4] Lin Yao, Min Zhu\*, Wang Xiangkun, Zhang Mingyang, Wang Xinyi and **Zhaohui Liang**. “A Survey of Visualization Approaches for Comparative Genomics,” *Journal of Computer-Aided Design & Computer Graphics*, 2022, 34(6): 852-868. (in Chinese) [\[Link\]](#)

## Research Projects

### Spoken Text Visualization

City University of Hong Kong | Can Liu

Remote

Mar. 2024 - present

### Enhancing Storyboard Creation with LLM and Diffusion Model

City University of Hong Kong | Can Liu

Remote

June. 2024 - Feb. 2024

University of California, Berkeley | Kosa Goucher-Lambert

### 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

Jun. 2023	<b>Honorary Title:</b> “Excellent Student of University of Chinese Academy of Sciences” top 10%	Beijing
Jun. 2022	<b>Honorary Title:</b> “Outstanding Graduate of Sichuan University”	Chengdu
Apr. 2021	<b>Contest:</b> Honorable Mention in “American College Mathematical Modeling Competition (MCM/ICM)”	
Oct. 2020	<b>Scholarship:</b> “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  
✉ canliu@cityu.edu.hk
- Kosa Goucher-Lambert  
Ph. D, Assistant Professor, at Department of Mechanical Engineering, University of California, Berkeley  
✉ kosa@berkeley.edu
- Guihua Shan  
Ph. D, Professor, at University of Chinese Academy of Sciences, Beijing  
✉ sgh@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