

Research Interests

Human-AI Interaction, UI/UX Design, Visualization

Education

Tsinghua University, China Sep 2022 - Jun 2025(*expected*)
Master in Electronic and Information Engineering GPA: 3.92/4.0
Advisor: [Yujiu Yang](#), [Xiaomei Nie](#)

University of Geneva, Switzerland Feb 2024 - Jun 2024
Exchange Student in Innovation, Human Development and Sustainability

University of Science and Technology Beijing, China Sep 2018 - Jun 2022
Bachelor in Industrial Design GPA: 3.88/4.0
Advisor: [Xiaohui Wang](#) **Graduated with direct admission for graduate study*

Publications

ContextVis: Envision Contextual Learning and Interaction with Generative Models [↗](#)

Bo Shui, Chufan Shi, Yujiu Yang, Xiaomei Nie
In 2024 International Conference on Human-Computer Interaction (HCI' 24)

ChartMimic: Evaluating LMM's Cross-Modal Reasoning Capability via Chart-to-Code Generation [↗](#)

*Chufan Shi**, *Cheng Yang**, *Yaxin Liu**, ***Bo Shui****, *Junjie Wang**, *Mohan Jing*, *Linran Xu*, *Xinyu Zhu*, *Siheng Li*, *Yuxiang Zhang*, *Gongye Liu*, *Xiaomei Nie*, *Deng Cai*, *Yujiu Yang*
Preprint, Submitted to NeurIPS 2024

Metro Re-illustrated: Incremental Generation of Stylized Paintings Using Neural Networks [↗](#)

Bo Shui, Chufan Shi, Xiaomei Nie. In ACM SIGGRAPH' 23 Posters

Community Tour: An Expandable Knowledge Exploration System for Urban Migrant Children [↗](#)

Bo Shui, Hanyu Guo, Haoyang Li, Chufan Shi, Xiaomei Nie
In 2023 ACM Interaction Design and Children Conference (IDC' 23)

Cellular Trending: Fragmented Information Dissemination on Social Media Through Generative Lens [↗](#)

Bo Shui, Xiaohui Wang. In ACM MM' 22 Interactive Artworks

AI Mirror: Visualize AI's Self-knowledge [↗](#)

Siyu Hu, Bo Shui, Siyu Jin, Xiaohui Wang. In ACM MM' 20 Interactive Artworks

Professional Experience	Intel , PRC TEG Lab User Experience Engineer Intern UX design lead of AIGC Assistant and AI Control Center for Intel Core Ultra .	Shenzhen, China Sep 2023 - Jan 2024
	Peking University , VIS Group Research Assistant Analyze classic visualization bibliography of to build datasets in different scenarios.	Remote Jul 2023 - Sep 2023
	USTB , Interaction Design Lab Undergraduate Student Member Content, Case Study, and Code Tutorials for Interactive Art Installations Textbook.	Beijing, China Jun 2020 - Jul 2022
Projects	InfoMagnets: A Method for Networks Visualization and Interaction Invention Patent of China(CN202210412083)	2021
	VisEar: Sensory Substitution Device for the Visually Impaired Grand Prize , “Challenge Cup” Capital Academic Competition Silver Award , “Challenge Cup” National Entrepreneurship Competition	2021
	Moving Olympics: Data-driven Service System for Winter Olympics Gold Award (1 Nation-wide), Winter Olympics Challenge Competition Included in the UN-HABITAT 2020 Report	2020
Teaching Experience	Teaching assistant, Tsinghua University 72917022 Design for Social Innovation Assistant in developing prototypes and conducting user studies.	Fall 2024
Honors	Gold Student Ambassador, Microsoft	2024
	General Excellence Scholarship (Top 10%), Tsinghua University	2023
	Outstanding Undergraduate Thesis, USTB	2022
	Tongda Scholarship (10 University-wide), USTB	2021
	Outstanding Undergraduate Student (Top 5%), USTB	2019, 2020, 2021
Skills	English: IELTS 7.5, CET6 617	
	Development: Javascript(React, D3, Node, p5, Three), Python(Flask, PyTorch), Arduino	
	Interaction Design: Figma, Processing, Illustrator, Procreate	
	Modeling & Rendering: Creo, Blender, KeyShot	
	Photography: Visit my gallery	
References	Yujiu Yang <i>Professor, Tsinghua University</i> yang.yujiu@sz.tsinghua.edu.cn	Xiaomei Nie <i>Associate Professor, Tsinghua University</i> nie.xiaomei@sz.tsinghua.edu.cn
	Xiaohui Wang <i>Professor, University of Science and Technology Beijing</i> wangxh14@ustb.edu.cn	