

# Tao Lu

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**Email:** luttul@gatech.edu

**Website:** <https://isthatdistance.github.io/>

**Research Interests** Human-Computer Interaction, AR/VR User Interface, Spatial Computing, Data Visualization, Accessibility, Mobile Computing.

**Education**  
**Georgia Institute of Technology** Atlanta, GA  
MS in Human-Computer Interaction August, 2023 – Present  
Mentors: Yalong Yang. *GPA: 4.00/4.00*

**University of Michigan (UMich)** Ann Arbor, MI  
BA in Computer Science (Dual-Degree Program) August, 2021 – May, 2023  
Mentors: Anhong Guo. *GPA: 3.92/4.00*

**Shanghai Jiao Tong University (SJTU)** Shanghai, China  
BA in Electrical and Computer Engineering September, 2019 – August, 2023  
Mentors: Dongyao Chen. *GPA: 3.78/4.00*

**Publications**  
Qian Zhu, **Tao Lu**, Shunan Guo, Xiaojuan Ma, Yalong Yang. [CompositingVis: Exploring Interactions for Creating Composite Visualizations in Immersive Environments](#). In *IEEE Visualization and Visual Analytics*. 2024. (**VIS 2024**)

**Tao Lu**, Hongxiao Zheng, Tianying Zhang, Xuhai “Orson Xu, and Anhong Guo. [InteractOut: Leveraging Interaction Proxies as Input Manipulation Strategies for Reducing Smartphone Overuse](#). In *Proceedings of the ACM Conference on Human Factors in Computing Systems*. 2024. (**CHI 2024**)

**Publications**  
**In Submission**  
**Tao Lu**, Qian Zhu, Tiffany Ma, Kam-Kwai Wong, Catherine Xie, Alex Endert, Yalong Yang. [Ego vs. Exo and Active vs. Passive: Investigating the Effects of Viewpoint and Navigation on Spatial Immersion and Understanding in Immersive Storytelling](#). In *Proceedings of the ACM Conference on Human Factors in Computing Systems*. 2025. (**CHI 2025**)

**Project Works**  
**Teams for Life**  
Mentor: Microsoft August, 2023 – December, 2023  
A community feature on Microsoft Teams to attract and empower vommunity owners to build and grow communities on Teams for daily and recreational use. See [this presentation](#) for more details.

**Mixplorer: AI-Assisted Mixed-Reality Image Collection**  
Mentor: Anhong Guo January, 2023 – April, 2023

An iOS platform that supports data crowd workers with quick mixed-reality image collection with AI-assisted virtual object placement. See [this presentation](#) for more details.

### **Quick Resume Generation and Version Control System Design**

Mentor: Anhong Guo August, 2022 – December, 2022

A Figma Prototype of an online resume system that supports quick experience selection and history tracing. See [this Figma prototype](#) for more details.

### **SafeSJTU WeChat Applet**

Mentor: Dongyao Chen February, 2021 – August, 2021

A web-based WeChat applet that tracks driving behaviors of EV renters on SJTU campus.

**Teaching experience** **Teaching assistant, Georgia Institute of Technology** Fall 2024

Instructor: Yalong Yang

CS 4460: Introduction to Information Visualization

**Teaching assistant, Georgia Institute of Technology** Spring 2024

Instructor: Christopher MacLellan

CS 8803-HAI: Human-AI Interaction

**Skills** **Research:** Human-Centered Design, Quantitative & Qualitative Research, User Interview.

**Frameworks and Tools:** Unity 3D, LIV (Mixed Reality Video Capture), Android, Swift, Figma, Davinci Resolve.

**Data Analysis and Visualization:** R Script, Python.

**Honors** Summa Cum Laude (UMich) 2023

Dean's List (UMich) 2022

Tang Junyuan Scholarship Nomination Award (SJTU) 2021

Undergraduate Excellent Scholarship (SJTU) 2020

The John Wu & Jance Sun Sunshine Scholarship (SJTU) 2020

Chinese National Scholarship (SJTU) 2020