

Chang Han

Address: 72 Central Campus Dr, Salt Lake City, UT 84112

PERSONAL INFO

Email: changhan@sci.utah.edu

Homepage: hconhisway.github.io

EDUCATION

➤ Aug. 2023 – Current

University of Utah

PhD in Computer Science

GPA: 4.0

➤ Sep. 2018 – June.2022

Shandong University

B. Eng. in Electrical Engineering (with honors)

EMPLOYMENT

➤ Aug. 2023 –Present

University of Utah

Research Assistant, SCI Institute

Advisor: Kate Isaacs

➤ June. 2022 – May. 2023

Shandong University

Research Assistant, Interdisciplinary Research Center (IRC)

Teaching Assistant, sd01331980: Visualization Technique. Fall 2022.

➤ Jan. 2021 – June.2022

Shandong University

Undergraduate Research Intern, IDEAS Lab

Advisor: Yunhai Wang

PUBLICATIONS

[J3] A Deixis-Centered Approach for Documenting Remote Synchronous Communication around Data Visualizations

Chang Han, Katherine E. Isaacs. *IEEE Trans. Visualization & Comp. Graphics (Proc. IEEE VIS 2024)*

[C1] An Overview+Detail Layout for Visualizing Compound Graphs

Chang Han, Katherine E. Isaacs. *IEEE VIS 2024 (Short)*

[J2] SizePairs: Achieving Stable and Balanced Temporal Treemaps using Hierarchical Size-based Pairing

Chang Han, Jaemin Jo, Anyi Li, Bongshin Lee, Oliver Deussen, Yunhai Wang. *IEEE Trans. Visualization & Comp. Graphics (Proc. IEEE VIS 2022)*

[J1] Target Netgrams: An Annulus-constrained Stress Model for Radial Graph Visualization

Mingliang Xue, Yunhai Wang, **Chang Han**, Jian Zhang, Zheng Wang, Kaiyi Zhang, Christophe Hurter, Jian Zhao, Oliver Deussen. *IEEE Trans. Visualization & Comp. Graphics, 2022*

Selected Ongoing Project

- Essence and Accidents: In Pursuit of the Common Parlance for Visualization Charts. – We use metaphysics approach to explore and naming space of charts and the design space constraint by common parlance.
- Grammar of Gantt: Scalable and Integratable. – We develop grammars for authoring gantt charts.
 - Advisors: Andrew Mcnutt, Kate Isaacs

Research/ Interested areas: Visualization, HCI

HONORS & AWARDS

Chang Han Curriculum Vitae Updated to Aug. 2024.

Best Poster Award

Excellent Graduation Thesis at Shandong University

Scholarship for Academic Excellency at Shandong University

China's Undergraduate Mathematical Contest in Modeling (CUMCM)

GAMES 2022, Changsha, China

Top 2%

2019, 2020, 2021

Provincial First Prize

OTHER ROLES

Now – science fiction writer: first novel pending

Past – table tennis player, volunteer educators

SKILLS

- Programming Languages: JavaScript, Python, Java, C#, C++.
- Tools & Technologies: React, D3, Figma; PyTorch, Altium Designer.
- Native in Mandarin, Proficient in English.