

YUAN TIAN

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EDUCATION

Zhejiang University

Ph.D. in Computer Science and Technology (Advisor: Yingcai Wu)

September 2023 – Present

Zhejiang University

Master in Computer Science and Technology (Advisor: Yingcai Wu)

September 2022 – June 2023

Zhejiang University

Bachelor of Computer Science and Technology

September 2018 – June 2022

Awarded 2021 Zhejiang University First-Class Scholarship.

RESEARCH INTERESTS

Visualization: Visualization Recommendation, Visualization Design, Storytelling.

PUBLICATIONS

ChartGPT: Leveraging LLMs to Generate Charts from Abstract Natural Language

Yuan Tian, Weiwei Cui, Dazhen Deng, Xinjing Yi, Yurun Yang, Haidong Zhang, and Yingcai Wu.

IEEE Transactions on Visualization and Computer Graphics

To appear.

Relation-driven Query of Multiple Time Series

Shuhan Liu, **Yuan Tian**, Zikun Deng, Weiwei Cui, Haidong Zhang, Di Weng, and Yingcai Wu.

IEEE Transactions on Visualization and Computer Graphics

To appear.

ECoalVis: Visual Analysis of Control Strategies in Coal-fired Power Plants

Shuhan Liu, Di Weng, **Yuan Tian**, Zikun Deng, Haoran Xu, Xiangyu Zhu, Honglei Yin, Xianyuan Zhan, and Yingcai Wu.

IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS 2022)

Vol. 29, no. 1, pp. 1091-1101, January 2023.

A Survey of Urban Visual Analytics: Advances and Future Directions

Zikun Deng, Di Weng, Shuhan Liu, **Yuan Tian**, Mingliang Xu, and Yingcai Wu.

Computational Visual Media

Vol. 9, no. 1, pp. 3-39, March 2023.

SKILLS

Programming Languages and Frameworks

JavaScript, Vue, React, Python, Flask, C++

Languages

English: CET-6 (570)