

# YUAN TIAN

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## EDUCATION

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**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

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**Visualization:** Visualization Recommendation, Visualization Generation, Storytelling.

## PUBLICATIONS

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**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*

Vol. 31, no. 3, pp. 1731-1745, March 2025.

**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

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**Programming Languages and Frameworks**

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

**Languages**

English: CET-6 (570)