

Xiao Xie

- Education** Ph.D. in Computer Science, Zhejiang University, Dec. 2020 (Advisor: Yingcai Wu)
 B.Eng. in Software Engineering, Sun Yat-sen University, Jul. 2015
- Employment** Jun. 2021 – present Assistant Professor, Zhejiang University
- Research Interests** Visual Analytics, Sports Visual Analytics, Immersive Visualization.
- Publications** 1. *SimuExplorer: Visual Exploration of GameSimulation in Table Tennis*
 Ji Lan, Zheng Zhou, Jiachen Wang, Hui Zhang, **Xiao Xie**, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics.
 2. *Compass: Towards Better Causal Analysis of Urban Time Series*
 Zikun Deng, Di Weng, **Xiao Xie**, Jie Bao, Yu Zheng, Mingliang Xu, Wei Chen, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS 2021).
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3. *TIVEE: Visual Exploration and Explanation of Badminton Tactics in Immersive Visualizations*
 Xiangtong Chu, **Xiao Xie**, Shuainan Ye, Haolin Lu, Hongguang Xiao, Zeqing Yuan, Zhutian Chen, Hui Zhang, and Yingcai Wu.
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4. *GlyphCreator: Towards Example-based Automatic Generation of Circular Glyphs*
 Lu Ying, Tan Tang, Luzhe Luo, Lvkeshe Shen, **Xiao Xie**, Lingyun Yu, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS 2021).
 Vol. 28, no. 1, pp. 400–410, January 2022.
5. *Seek for Success: A Visualization Approach for Understanding the Dynamics of Academic Careers*
 Yifang Wang, Tai-Quan Peng, Huihua Lu, Haoren Wang, **Xiao Xie**, Huamin Qu, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS 2021).
 Vol. 28, no. 1, pp. 475–485, January 2022.
6. *A Visual Analytics Approach for Exploratory Causal Analysis: Exploration, Validation, and Applications*
 Xiao Xie, Fan Du*, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS (VAST) 2020)
 Vol. 27, no. 2, pp. 1448–1458, Feb. 2021.
7. *PassVizor: Toward Better Understanding of the Dynamics of Soccer Passes*
 Xiao Xie, Jiachen Wang, Hongye Liang, Dazhen Deng, Shoubin Cheng, Hui Zhang, Wei Chen, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS (VAST) 2020)
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8. *Tac-Simur: Tactic-based Simulative Visual Analytics of Table Tennis*
 Jiachen Wang, Kejian Zhao, Dazhen Deng, Anqi Cao, **Xiao Xie**, Zheng Zhou, Hui Zhang, and Yingcai Wu.
 IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS (VAST) 2019)
 Vol. 26, no. 1, pp. 407–417, Jan. 2020.

9. *Visual Analytics of Dynamic Interplay Between Behaviors in MMORPGs*

Junhua Lu, **Xiao Xie**, Ji Lan, Tai-Quan Peng, Wei Chen*, and Yingcai Wu.

Proceedings of IEEE Pacific Visualization 2019

10. *A Semantic-Based Method for Visualizing Large Image Collections*

Xiao Xie, Xiwen Cai, Junpei Zhou, Nan Cao, and Yingcai Wu.

IEEE Transactions on Visualization and Computer Graphics

Vol. 25, no. 7, pp. 2362–2377, Jul. 2019.

11. *ForVizor: Visualizing Spatio-Temporal Team Formations in Soccer*

Yingcai Wu, **Xiao Xie**, Jiachen Wang, Dazhen Deng, Hongye Liang, Hui Zhang, Shoubin Cheng, and Wei Chen*.

IEEE Transactions on Visualization and Computer Graphics (Proceedings of IEEE VIS (VAST) 2018)

Vol. 25, no. 1, pp. 65–75, Jan. 2019.

12. *StreamExplorer: A Multi-Stage System for Visually Exploring Events in Social Streams*

Yingcai Wu, Zhutian Chen, Guodao Sun, **Xiao Xie**, Nan Cao, Shixia Liu, and Weiwei Cui.

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13. *A Study of the Effect of Doughnut Chart Parameters on Proportion Estimation Accuracy*

Xiwen Cai, Konstantinos Efsthathiou, **Xiao Xie**, Yingcai Wu, Yang Shi, and Lingyun Yu.

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Vol. 37, no. 6, pp. 300–312, Jun. 2018.

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