



Jiachen Wang

Research: **Computational Sports Science**

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Zhejiang University

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EDUCATION

- Bachelor's Degree (2014.09-2018.06)
I majored in **Digital Media Technology** in the department of computer science and technology, Zhejiang University.
- Ph.D. Candidate (2018.09-2023.06)
My research direction is **knowledge discovering and visual analytics of sports data** and I am co-supervised by Prof. Yingcai Wu at State Key Lab of CAD & CG, Zhejiang University and Prof. Hui Zhang at Department of Sports Science, Zhejiang University.

PUBLICATIONS

1. SimuExplorer: Visual Exploration of Game Simulation in Table Tennis
*Ji Lan, Zheng Zhou, **Jiachen Wang**, Hui Zhang, Xiao Xie, Yingcai Wu*
IEEE TVCG 2021
2. What makes a scatterplot hard to comprehend: data size and pattern salience matter
***Jiachen Wang**, Xiwen Cai, Jiajie Su, Yu Liao, Yingcai Wu*
Journal of Visualization 2021 (ChinaVis 2021)
3. Tac-Valuer: Knowledge-based Stroke Evaluation in Table Tennis
***Jiachen Wang**, Dazhen Deng, Xiao Xie, Xinhuan Shu, Yu-Xuan Huang, Le-Wen Cai, Hui Zhang, Min-Ling Zhang, Zhi-Hua Zhou, Yingcai Wu*
ACM SIGKDD 2021
4. Tac-Miner: Visual Tactic Mining for Multiple Table Tennis Matches
***Jiachen Wang**, Jiang Wu, Anqi Cao, Zheng Zhou, Hui Zhang, Yingcai Wu*
IEEE TVCG 2021 (IEEE Pacific Visualization 2021)
5. EventAnchor: Reducing Human Interactions in Event Annotation of Racket Sports Videos
*Dazhen Deng, Jiang Wu, **Jiachen Wang**, Yihong Wu, Xiao Xie, Zheng Zhou, Hui Zhang, Xiaolong Zhang, and Yingcai Wu*
ACM SIGCHI 2021
6. Interactive Visual Exploration of Longitudinal Historical Career Mobility Data
*Yifang Wang, Hongye Liang, Xinhuan Shu, **Jiachen Wang**, Ke Xu, Zikun Deng, Cameron Campbell, Bijia Chen, Yingcai Wu, and Huamin Qu*
IEEE TVCG 2021
7. PassVizor: Toward Better Understanding of the Dynamics of Soccer Passes

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- Xiao Xie, **Jiachen Wang**, Hongye Liang, Dazhen Deng, Shoubin Cheng, Hui Zhang, Wei Chen, and Yingcai Wu*
IEEE TVCG 2021 (IEEE VAST 2020)
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 TVCG 2020 (IEEE VAST 2019)
9. 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 TVCG 2019 (IEEE VAST 2018)
10. iTTVivs: Interactive Visualization of Table Tennis Data
*Yingcai Wu, Ji Lan, Xinhuan Shu, Chengyang Ji, Kejian Zhao, **Jiachen Wang**, and Hui Zhang*
IEEE TVCG 2018 (IEEE InfoVis 2017)

AWARDS

● National Scholarship	2020-2021
● Award of Honor for Graduate	2020-2021
● Graduate of Merit	2020-2021
● Honorable Mention Award (IEEE PacificVis 2021)	2021
● National Scholarship	2018-2019
● Award of Honor for Graduate	2018-2019
● Graduate of Merit	2018-2019
● Academic Star of Department of Computer Science and Technology	2015-2016
● Outstanding Student Leader of Zhejiang University	2014-2015
● Second-Class Scholarship for Outstanding Students	2014-2015

SKILLS

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- Coding: Python, JavaScript (react.js), Latex, Processing C/C++
 - Tool: Adobe Illustrator, Adobe XD, Adobe Photoshop, Adobe Premier, Adobe Audition, Microsoft PowerPoint
 - Language: English, Chinese