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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 **Visualization of Sports Data** and I am supervised by Prof. Yingcai Wu in State Key Lab of CAD & CG, Zhejiang University.

PUBLICATIONS

1. 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, Yingicai Wu
   ACM SIGKDD 2021

2. 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)

3. 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

4. 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*
   To appear in IEEE TVCG

5. 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 TVCG 2021 (IEEE VAST 2020)

6. 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)

7. 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)

8. 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   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

- Coding: C/C++, Processing, Python, JavaScript, HTML, CSS, Latex
- Tool: Maya, Photoshop, Illustrator, Premier, After Effects, Audition
- Language: English, Chinese