

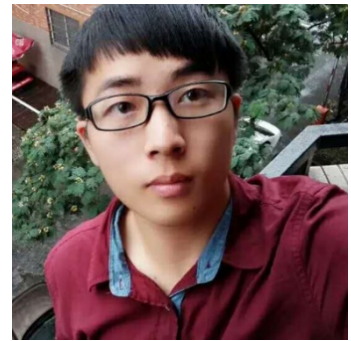
Ji LAN

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Bio

I am a joint Ph.D. student of Jonathan Zhu @Department of Media and Communication, City University of Hong Kong, Hong Kong, China and Yingcai Wu @State Key Lab of CAD & CG College of Computer Science, Zhejiang University, Hangzhou, China. My research interests include computational social science, information visualization, and knowledge graph

Methods & Skills

RESEARCH METHODS:

(1) Quantitative Research Methods in Communication (e.g., survey, content analysis, and experiment); (2) Computational Research Methods in Communication (e.g., user analytics and text mining); and (3) Methods of Designing and Evaluating Visualization Systems for Domain-Specific Tasks (e.g., pilot interview to synthesize domain requirements, iterative development to polish the design, case study to evaluate the visualization system)

DATA ANALYSIS SKILLS:

(1) Multi-variate Analysis (e.g., regression, multi-level analysis, structural equation modeling); (2) Text Mining (e.g., topic modeling, regular expression, and word embedding); (3) Machine Learning (e.g., classical machine learning models and deep learning models); and (4) Data Visualization

PROGRAMMING SKILLS: Python, HTML+CSS+Javascript, and R

Education

[City University of Hong Kong] — [Joint Ph.D. Degree in Com, Expected in April 2022] [2016.9] — Now

MAJOR: Media and Communication

MAIN COURSES: Communication and Society (A-), Quantitative Research Methods in Media and Communication (A), Social Science Theories in Communication (A-), Multi-variate Analysis in Communication Research (A), and Social Foundations of Data Science (A)

[Zhejiang University] — [Ph.D. Degree in CS, Expected in April 2022] [2016.9] — Now

MAJOR: Computer Science and Technology

MAIN COURSES: Introduction to Artificial Intelligence (84), Data Mining (88), and Advanced Topics on Big Data Visualization (87)

[Zhejiang University] — [Bachelor Degree] [2012.9] — [2016.6]

GPA: 3.78/4

MAJOR: Information and Computing Science

MAIN COURSES: Calculus I (86), Calculus II (92), Calculus III (95), Foundation of Analysis (数学分析) (100), Advanced Algebra I (91), Advanced Algebra II (87), Probability Theory (95), Mathematical Statistics (82) C programming (95), Data Structure (88), Database Technology (89), Algorithmic Language (90), Discrete Mathematics (83)

Award

National Scholarship for Ph.D. Students (Top 13 students among ~400 every year, 2016-2017)

Experience

[Presenter at CVM 2022 Conference] — [Qingdao, China] [2021,04.21 —04.23]

[Presenter at MACNM Computational Workshop] — [Hong Kong] [2019,01.05 —01.06]

[Presenter at Graphics and Mixed Environment Seminar] — [Hangzhou, China] [2017,11.02]

[Presenter and Volunteer at VIS 2017 Conference] — [Phoenix, USA] [2017,10.01 —10.06]

Publications

Wu, Y., *Lan, J.*, Shu, X., Ji, C., Zhao, K., Wang, J., & Zhang, H. (2018). ITTVIS: Interactive visualization of table tennis data. IEEE Transactions on Visualization and Computer Graphics, 24(1), 709-718

Xu, X., Yang, X., Lu, J., **Lan, J.**, Peng, T, Wu, Y., & Chen, W. (2017). Examining the effects of network externalities, density, and closure on in-game currency price in online games. *Internet Research*, 27(4), 924-941

Lu, J., Xie, X., **Lan, J.**, Peng, T. Q., Chen, W., & Wu, Y. (2019, April). Visual Analytics of Dynamic Interplay Between Behaviors in MMORPGs. In *Proceedings of IEEE Pacific Visualization Symposium*, 112-121

Lan, J., Wang, J., Shu, X., Zhou, Z., Zhang, H., & Wu, Y. (2021). RallyComparator: visual comparison of the multivariate and spatial stroke sequence in table tennis rally. *Journal of Visualization*, 1-16.