

Jian ZHENG

Curriculum Vitae

PhD student

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Work

- 2016-2020: Research Assistant, Institute of Human Factor and Ergonomics, Tsinghua University, Beijing, China
- 2015: Researcher, CTR Market Research, Beijing, China.
- 2013-2014: Data Analyst, National Assessment of Educational Quality, Beijing, China.

Education

- Master of Education, Psychology (2013). Beijing Normal University
- Bachelor of Science, Psychology (2010). Beijing Normal University

Publication

1. **Zheng, J.**, Rau, P.-L. P., & Zhao, J. (2020). Quantification of Natural Multimodal Interaction Capacity. *Cross-Cultural Design. User Experience of Products, Services, and Intelligent Environments*, 269–283. https://doi.org/10.1007/978-3-030-49788-0_20
2. Rau, P.-L. P., **Zheng, J.** (2020). Cross-modal psychological refractory period. *Attention, Perception, & Psychophysics*. <https://doi.org/10.3758/s13414-020-01978-4>
3. Rau, P.-L. P., **Zheng, J.**, & Wei, Y. (2020). Distractive effect of multimodal information in multisensory learning. *Computers & Education*, 144, 103699. <https://doi.org/10.1016/j.compedu.2019.103699>
4. Rau, P.-L. P., **Zheng, J.**, Wang, L., Zhao, J., & Wang, D. (2019). Haptic and Auditory–Haptic Attentional Blink in Spatial and Object-Based Tasks. *Multisensory Research*, -1(aop), 1–18. <https://doi.org/10.1163/22134808-20191483>
5. Rau, P.-L. P., & **Zheng, J.** (2019). Modality capacity and appropriateness in multimodal display of complex non-semantic information stream. *International Journal of Human-Computer Studies*, 130, 166–178. <https://doi.org/10.1016/j.ijhcs.2019.06.008>
6. Rau, P.-L. P., **Zheng, J.**, Guo, Z., & Li, J. (2018). Speed reading on virtual reality and augmented reality. *Computers & Education*, 125, 240–245. <https://doi.org/10.1016/j.compedu.2018.06.016>
7. Rau, P.-L. P., Liao, P.-C., Guo, Z., **Zheng, J.**, & Jing, B. (2018). Personality Factors and Safety Attitudes Predict Safety Behaviour and Accidents in Elevator Workers. *International Journal of Occupational Safety and Ergonomics*, 0(ja), 1–21. <https://doi.org/10.1080/10803548.2018.1493259>
8. Zhang, X., Liu, L., Zhao, X., **Zheng, J.**, Yang, M., & Zhang, J. (2015). Towards a Three-Component Model of Fan Loyalty: A Case Study of Chinese Youth. *PloS One*, 10, e0124312. <https://doi.org/10.1371/journal.pone.0124312>

9. Zhang, X., **Zheng, J.**, Liu, L., Zhao, X., & Sun, X. (2014). The effect of group boundary permeability on intergroup prejudice: The case of rural-to-urban migrants in China. *Journal of Pacific Rim Psychology*, 8, 53–61. <https://doi.org/10.1017/prp.2014.7>

In Chinese

10. **Zheng, J.**, Liu, L., Shi, J., Zhao, X., & Huang, Z. (2013). Compatibility effect of approaching the positive and avoiding the negative: definition, theories, and research paradigm. *Advances in Psychological Science*, 9, 1686–1695. <https://doi.org/10.3724/SP.J.1042.2013.01686>
11. **Zheng, J.**, & Liu, L. (2012). Undergraduates' stereotype on migrant workers: content and structure. *Youth Studies*, 4, 35-44.
12. Zhao, X., Li, Y., Liu, L., Zeng, H. L., & **Zheng, J.** (2012). Evaluative conditioning: the role of display duration, valence intensity and contingency awareness. *Acta Psychologica Sinica*, 44(5), 614-624.
13. Liu, Y., **Zheng, J.**, Yang, X., & Liu, H. Y. (2010). The effect of color of materials in English on reading scores. *Psychological Exploration*, 30(2), 48-54.

(Full text available at https://www.researchgate.net/profile/Jian_Zheng3)

Research interest

- Human computer interaction
- Virtual reality & augmented reality
- Multisensory interaction
- Haptic interaction