

Xusong Chen

Ph.D. Student

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Education

- 2016–present **Ph.D. Student**, *Major in Electronic Engineering & Information Science*, University of Science and Technology of China, Advisor: Prof. Dong Liu.
- 2012–2016 **Bachelor of Engineering**, *Major in Computer Science*, Chang'An University, Rank 2/51.

Award

- Sep.2017 The First Prize Scholarship, USTC.
- Sep.2016 The First Prize Scholarship, USTC.
- Jun.2016 Excellent Undergraduate Dissertation, Chang'An University
- Sep.2015- Sep.2013 Excellent Student Scholarship, Chang'An University

Research Experience

- Jul.2015- Aug.2015 **Research Intern**, *Institute of Information Engineering, CAS, Beijing*.
- Aug.2015 I implement an object detection system that detects the laser spot on the target, under the supervision of Prof. Shuixian Chen

Project Experience

- Apr.2018- Jul.2018 **Content-Based Video Relevance Prediction Challenge**, *organized by Hulu*.
- Jul.2018 We propose a deep neural network with second-order relevance and attention modeling to predict video relevance. Finally, we got 1-th place and 2-th place in two separate track respectively.
- Jan.2015- Jun.2015 **Hand Gesture Recognition System**.
- Jun.2015 I design a realtime hand gesture recognition system which can recognize the shape of hand gesture and can control video playback.(Demo url: <http://video.tudou.com/v/XMjM5NDQzMtY0NA==.html>)

Publications

- Xusong Chen**, Dong Liu, Zheng-Jun Zha, Wengang Zhou, Zhiwei Xiong, Yan Li, *Temporal Hierarchical Attention at Category- and Item-Level for Micro-Video Click-Through Prediction*, accepted by ACM International Conference on Multimedia (MM'18)
- Xusong Chen**, Rui Zhao, Shengjie Ma, Dong Liu, Zheng-Jun Zha., *Content-based video relevance prediction with second-order relevance and attention modeling*, accepted by ACM International Conference on Multimedia (MM'18 challenge)

Interests and Skills

- Research Interests Machine Learning, Image/Video Recommendation, Network Embedding
- Programming Python, R, C/C++