

# 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 in university.
- Sep.2016 The First Prize Scholarship in university.
- Sep.2014 The First Prize Scholarship in university.
- Sep.2013 The Second Prize Scholarship in university.

## Research Experience

- Jul.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– **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– **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 Machine Learning, Image/Video Recommendation, Network Embedding
- Interests
- Programming Python, R, C/C++