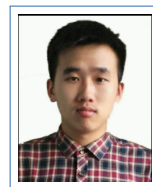# Xusong Chen

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	Graduate Student Scholarship (First Class), USTC.
Sep.2016	Graduate Student Scholarship (First Class), 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. 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.* 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 seprate track respectively.
Jan.2015-Jun.2015	**Hand Gesture Recognition System**. 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 (MM18)

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 (MM18 challenge)

Interests and Skills

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