

# Yaoyao Liu

Ph.D. Student at Tianjin University

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## BIOGRAPHY

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I am a Ph.D. student at School of Electrical and Information Engineering, Tianjin University working with Prof. Yuting Su and Prof. An-An Liu. From June 2018, I am also a visiting Ph.D. student at NUS School of Computing working with Prof. Tat-Seng Chua and Dr. Qianru Sun. Before this, I obtained my bachelor degree at Qiushi Honors College, Tianjin University. In particular, I was in the Excellent Student Program of Tianjin University for the top 2% undergraduates.

## EDUCATION

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### Tianjin University

Ph.D. Candidate, Advisors: Prof. Yuting Su and Prof. An-An Liu

School of Electrical and Information Engineering

Sep 2015 - Present

### National University of Singapore

Visiting Ph.D. Student, Advisors: Prof. Tat-Seng Chua and Dr. Qianru Sun

School of Computing

Jun 2018 - Present

### Tianjin University

Bachelor of Engineering, Advisors: Prof. Yuting Su and Prof. An-An Liu

Qiushi Honors College

Sep 2011 - Jul 2015

## PUBLICATIONS

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- **Yaoyao Liu\***, Qianru Sun\*, An-An Liu, Yuting Su, Bernt Schiele, Tat-Seng Chua, *LCC: Learning to Customize and Combine Neural Networks for Few-Shot Learning*. In submission. (\* Equal contribution)
- Qianru Sun\*, **Yaoyao Liu\***, Tat-Seng Chua, Bernt Schiele, *Meta-Transfer Learning for Few-Shot Learning*. **CVPR 2019**. (\* Equal contribution)
- An-An Liu, Ning Xu, Yurui Qiu, Xinhui Li, Mengjie Li, **Yaoyao Liu**, Yongkang Wong, Weizhi Nie, Yuting Su, Mohan S. Kankanhalli, *NUS-TJU @ The 2nd MSR Video to Language Challenge*. Technical Report for ACM MM 2017 Challenge.

## PATENTS

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- Yuting Su, **Yaoyao Liu\***, An-An Liu. *Video Understanding Method Based on Deep Learning*. (Pending, Application Number: CN201711053056.3)
- Yuting Su, **Yaoyao Liu\***, An-An Liu. *LSTM-network-based Multi-label Video Event Detection Method*. (Pending, Application Number: CN201711053139.2)

## PROJECTS

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- **Member** of the project, *Research on Multi-mode Coupled Open Set Video Automatic Parsing Method*. National Natural Science Foundation of China Project (Project Number: 61772359)
- **Member** of the project, *Research on Cross Domain Cellular Behavior Detection Method Based on Deep Random Field*. National Natural Science Foundation of China Project (Project Number: 61472275)
- **Principal** of the project, *Intelligent Dining Hall Management System*. National Undergraduate Innovation and Entrepreneurship Training Program (Project Number: 201310056111)

## SELECTED HONORS

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- Excellent Paper of the 2017 Doctoral Candidate Forum of Tianjin University – Electrical and Information Engineering
- Excellent Student of Tianjin University (Top 2% Undergraduates, Certificate Number: 2011078)
- Tianjin University Qiushi Honors College Outstanding Graduate
- Excellent Paper of the 2nd Tianjin University Undergraduates Annual Conference on Innovation and Entrepreneurship