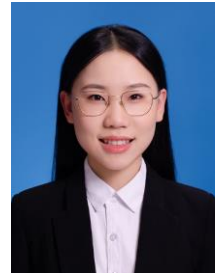


TONG WU

CONTACT

- **Mail**
703, Ho Sin Hang Engineering Building
The Chinese University of Hong Kong, Hong Kong, P. R. China
- **Tel**
(0086) 188 0015 0781
(852) 91436535
- **Email**
wutong16.thu@gmail.com



EDUCATION

- **The Chinese University of Hong Kong (CUHK), Hong Kong, China**
Department of Information Engineering, Ph.D. Student
Hong Kong, China
Aug. 2020 – current
- **Tsinghua University (THU), Beijing, China**
Department of Electronic Engineering, Bachelor of Engineering
Beijing, China
Aug. 2016 – June. 2020
Overall GPA: 3.89/4.00, Ranking: 8/262

HONORS AND AWARDS

- Hong Kong PhD Fellowship Scheme (HKPFS), by the Research Grants Council (RGC) of Hong Kong 2020
- Outstanding Graduate of Beijing 2020
- Outstanding Graduate of Tsinghua University 2020
- Outstanding Graduation Paper of Tsinghua University 2020
- *Three times* Annual Scholarship for Academic Excellence by Tsinghua University 2017, 2018, and 2019
- National Scholarship 2018
- Annual Scholarship of Scientific and Technological Innovation Excellence by Tsinghua University 2018
- Second Prize in Beijing Contest District in China Undergraduate Mathematical Contest in Modeling 2018
- First Prize for National Physical Competition for College Students in China 2017

AREAS OF INTEREST AND PUBLICATIONS

Computer Vision, Deep Learning

- [1] Distribution-Balanced Loss for Multi-Label Classification in Long-Tailed Datasets
Tong Wu, Qingqiu Huang, Ziwei Liu, Yu Wang, Dahua Lin
European Conference on Computer Vision (ECCV), 2020, (**spotlight**).
- [2] Caption-Supervised Face Recognition: Training a State-of-the-Art Face Model without Manual Annotation
Qingqiu Huang, Lei Yang, Huaiyi Huang, **Tong Wu**, Dahua Lin
European Conference on Computer Vision (ECCV), 2020.
- [3] Visual-friendly Aesthetic QR Code Generation using Image Style Transfer
Tong Wu, Jiansheng Chen, Yiqing Huang, and Yu Wang.
IEEE Transactions on Multimedia (TMM), 2020, (**under review**).
- [4] *Physical Adversarial Attack on Vehicle Detector in the Carla Simulator*
Tong Wu, Xuefei Ning, Wenshuo Li, Ranran Huang, Huazhong Yang, Yu Wang
arXiv preprint: 2007.16118, 2002.

RESEARCH EXPERIENCE

- The Chinese University of Hong Kong, Multimedia Lab** *Hong Kong, China*
Ph.D. Research, supervised by Prof. Dahua Lin
 - **Compositional Learning** 2020.07 – present
- Tsinghua University, Energy Efficient Computing Group, NICS Lab** *Beijing, China*
Graduation Project, supervised by Prof. Yu Wang
 - **Robust Deep Learning Model in Physical World** 2019.11 – 2020.06
- The Chinese University of Hong Kong, Multimedia Lab** *Hong Kong, China*
Research Assistant, supervised by Prof. Dahua Lin
 - **Memory enhanced Few-Shot Learning on Multi-Label Classification** 2019.07 – 2020.01
 - **Long-tailed Recognition in Multi-label Datasets** 2020.01 – 2020.03
- Tsinghua University, Image Recognition and High-Speed Image Processing Lab** *Beijing, China*

Undergraduate Research, supervised by Prof. Jiansheng Chen

- **Learning Deep Feature Distribution for Robust Detection of Adversarial Examples** 2019.03 - 2019.06
- **Visual-friendly Aesthetic QR Code Generation using Image Style Transfer** 2018.07 - 2019.01

PROMINENT COURSE PROJECT

Tsinghua University	Beijing, China
Course project in <i>Introduction to Auditory-visual Information System</i>	
Audio source separation and sound localization	11. 2018 – 12. 2018
Course project in <i>Media and Recognition</i>	
Weakly-supervised object detection and multi-label classification	04. 2019 – 05. 2019

LEADERSHIP ACTIVITIES

Class 6 EE Major Grade 2016 Monitor	2017.09 – 2018.09
• Class Honor during service: First-grade Class Honor, highest honor in Tsinghua University	
Student Union of Tsinghua EE Member to Undersecretary	2017.06 – 2019.06
• Assisted in the financial sponsorship and organization for student activities.	
Electronic Engineering Student Association of Science and Technology(EESAST) Member	2017.06 – 2018.06
• Assisted the Program Design Contest for freshmen at THU.	

SOCIAL EXPERIENCE

Social Practice on tackling the problem of employment for the disabled	2018.08 – 2018.09
• Serving at “Dream Town”, an Employment Base for the Disabled in Shandong, China.	
• Received AkzoNobel China Student Sustainability Award.	
• Grade-A Fund by Tsinghua University Social Experience “Dream Project” Program.	
Volunteering Blood Donation Organization	2018.05 – 2018.05
• Volunteer in scene of voluntary blood donation.	
Volunteering Support Education	2017.04 – 2017.04
• Volunteer in an education trip to River Xiaojia Primary School, Beijing	

SKILLS

Professional Computer Skills
• <i>Excellent in</i> Matlab, Python, Tensorflow, Pytorch, Latex
• <i>Proficient in</i> C/C++
Languages
• <i>Excellent in</i> Mandarin (mother tongue).
• <i>Proficient in</i> English (TOEFL iBT 106/120).