Chufeng **Tang**

FOURTH YEAR PH.D. STUDENT · TSINGHUA UNIVERSITY

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Education

Tsinghua University (THU)   *Beijing, China*

PH.D. STUDENT   *Sep. 2018 - Present (Expected Jul. 2023)*

- Ph.D. student in the Department of Computer Science and Technology, advised by Prof. Xiaolin Hu
- Research interests: deep learning, computer vision, and brain-inspired AI

Huazhong University of Science and Technology (HUST)   *Wuhan, China*

B.E. IN COMPUTER SCIENCE AND TECHNOLOGY   *Sep. 2014 - Jun. 2018*

- GPA: 3.97/4.0   Average Grade: 90.4/100   Rank: 4/260
- Thesis: Attribute Recognition with Multi-task Learning (Outstanding Bachelor Thesis)

Publications

Visual Recognition by Request   *NeurIPS 2022 (Under Review)*

CHUFENG TANG, LINGXI XIE, XIAOPENG ZHANG, XIAOLIN HU, QI TIAN

Active Pointly-Supervised Instance Segmentation   *ECCV 2022 (Under Review)*

CHUFENG TANG, LINGXI XIE, GANG ZHANG, XIAOPENG ZHANG, QI TIAN, XIAOLIN HU

Improving Image Segmentation with Boundary Patch Refinement   *IJCV (Under Review)*

XIAOLIN HU[†], CHUFENG TANG, HANG CHEN, XIAO LI, JIANMIN LI, ZHAOXIANG ZHANG

Look Closer to Segment Better: Boundary Patch Refinement for Instance Segmentation   *CVPR 2021*

CHUFENG TANG[*], HANG CHEN[*], XIAO LI, JIANMIN LI, ZHAOXIANG ZHANG, XIAOLIN HU[†]   *VIRTUAL*

Improving Pedestrian Attribute Recognition With Weakly-Supervised Multi-Scale Attribute-Specific Localization   *ICCV 2019*

CHUFENG TANG, LU SHENG, ZHAOXIANG ZHANG, XIAOLIN HU[†]   *Seoul, Korea*

Experience

Huawei Technologies   *Beijing, China*

RESEARCH INTERN   *Sep. 2020 - Present*

- Working with Dr. Lingxi Xie and researching on deep learning and computer vision algorithms.

SenseTime Group Limited   *Beijing, China*

RESEARCH INTERN   *Aug. 2017 - Jul. 2018*

- Working with Dr. Jing Shao and researching on computer vision techniques.
- Focus on pedestrian attribute recognition, which is a part of the intelligent surveillance system.

Tsinghua University   *Beijing, China*

TEACHING ASSISTANT   *2018, 2019*

- 2018 Fall. **Introduction to Deep Learning** (THU-00240332), instructed by Prof. Xiaolin Hu
- 2019 Summer. **Tsinghua University Deep Learning 2019 Summer School**
- 2019 Fall. **Introduction to Deep Learning** (THU-00240332), instructed by Prof. Xiaolin Hu
- 2020 Spring. **Deep Learning** (THU-80240743), instructed by Prof. Xiaolin Hu

Honors & Awards

UNDERGRADUATE

2018	**Outstanding Bachelor Thesis Award,** Huazhong University of Science and Technology	*Wuhan, China*
2018	**Outstanding Graduates,** Huazhong University of Science and Technology	*Wuhan, China*
2017	**National Scholarship,** Ministry of Education	*China*
2017	**Outstanding Undergraduate Award,** China Computer Federation (CCF)	*China*
2017	**Gold Award,** The CCF Collegiate Computer Systems & Programming Contest (CCF-CCSP)	*Beijing, China*
2016	**Bronze Medal,** The 2016 ACM-ICPC Asia Qingdao Regional Contest	*Qingdao, China*
2016	**National Endeavor Scholarship,** Ministry of Education	*China*
2015	**Bronze Medal,** The 2015 ACM-ICPC Asia Hefei Regional Contest	*Hefei, China*
2015	**Merit Student,** Huazhong University of Science and Technology	*Wuhan, China*

Skills

Programming	Python, C/C++, Cuda, Matlab, LaTeX
Deep Learning Tools	PyTorch, Caffe
Platform	Mac OSX, Linux, Windows
Languages	English(Fluent), Mandarin(Native speaker)