# Yuhao Cheng

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## Education

➢ Beijing University of Posts and Telecommunications, Beijing, China       2018 - 2021
- Degree: M.S. in Computer Technology

➢ Beijing University of Posts and Telecommunications, Beijing, China       2014 - 2018
- Degree: B.Eng. in Internet of Things Engineering

➢ Queen Mary University of London, London, U.K.       2014 - 2018
- Degree: B.Sc. (Engineering) with ***First-Class Honor***

## Honors & Awards

➢ **Distinguished Master-Degree Dissertation Award, Beijing Univ. of Posts and Telecommunications**    2021

➢ **Outstanding Graduate Award (1%), Beijing City**    2021

➢ Outstanding post-graduate student, Beijing Univ. of Posts and Telecommunications    2021

➢ **National Scholarship (1%), Ministry of Education, China**    2020

➢ First-Class Academic Scholarship, Beijing Univ. of Posts and Telecommunications    2020/2019/2018

➢ Second Place Award of CVPR Image-based Multi-pose Virtual Try-on Challenge    2019

➢ **Distinguished Bachelor-Degree Dissertation Award, Beijing Univ. of Posts and Telecommunications**    2018

➢ **Distinguished Bachelor-Degree Dissertation Award, Queen Mary Univ. of London**    2018

➢ **Undergraduate Collage Prize, Queen Mary Univ. of London**    2018

➢ Second-Class Academic Scholarship, Beijing Univ. of Posts and Telecommunications    2017

➢ Students' Union Awards, Queen Mary Univ. of London    2017

➢ The MCM/ICM Meritorious Winner, US    2016

➢ Third-Class Academic Scholarship, Beijing Univ. of Posts and Telecommunications    2016/2015

➢ Merit Student, Beijing Univ. of Posts and Telecommunications    2015

## Publications

### Conference Proceedings

C1 **Yuhao Cheng**, Wu Liu, Pengrui Duan, Jingen Liu, Tao Mei. "PyAnomaly: A Pytorch-based Toolkit for Video Anomaly Detection. " *ACM Multimedia* 2020: 4473-4476

C2 Weijian Ruan, Wu Liu, Qian Bao, Jun Chen, **Yuhao Cheng**, Tao Mei. "POINet: Pose-Guided Ovonic Insight Network for Multi-Person Pose Tracking. " *ACM Multimedia* 2019: 284-292

### Journal Articles

J1 Bao Qian, Wu Liu, **Yuhao Cheng**, Boyan Zhou, and Tao Mei. "Pose-guided tracking-by-detection: Robust multi-person pose tracking." *IEEE Transactions on Multimedia* 23 (2020): 161-175.

### Patents

P1 Wu Liu, Tao Mei, **Yuhao Cheng**. *The method and device for generating gait recognition model.* Pub. No. CN111259700A

## Experience

- ➤ Lenovo Research, Lenovo, Beijing, China                                          2021.07 - Present
  - *Researcher*
  - Research Interests
    - ❖ AI, Computer Vision, HCI, Image/Video processing, Multimedia Analysis
- ➤ JD AI Research, JD.com, Beijing, China                                          2018.07 - 2021.06
  - *Research Intern, advised by Dr. Wu Liu*
  - Topic: Human-centric Multimedia Analysis
- ➤ BT/IT, Lenovo, Beijing, China                                          2017.06 - 2017.08
  - *Research & Development Intern*
  - Topic: Text Classification by using the Deep Learning methods

## Teaching

- Teaching Assistant for the Internet of Things of Engineering Practice          2019
- Teaching Assistant & Lecturer of the Microprocessors System Design Teaching Assistant          2017
- Lecturer of the Security & Authentication Tutorial          2017
- Lecturer of the Control Theory Tutorial          2016
- Lecturer of the Digital Circuit Design Tutorial          2016
- Lecturer of the Signals and Systems Tutorial          2015
- Lecturer of the Advanced Mathematics Tutorial          2014