

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 Graduate Award, 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 Oronic 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, Video Codec, 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

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