

# Hong Yan

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## Education

### Shanghai Jiao Tong University

2019.4 - present

- Ph.D. in *Computer Science and Technology*, advised by [Li Niu](#) in lab [BCMI](#)
- Computer vision, Few-shot learning

Shanghai, China

### Shanghai Jiao Tong University

2016.9 - 2018.4

- Master. in *Information and Communication Engineering*, advised by [Peilin Liu](#) in lab [BATC intelligence](#)
- Indoor localization, Computer vision

Shanghai, China

### ShenZhen University

2012.9 - 2016.5

- B.S. in *Information Engineering*
- GPA: 3.9/4.0, Rank: 4/384 (1%)

Shenzhen, China

## Research Interests

Computer Vision, Deep Learning

## Publications

### Journal Publications

- 《基于深度置信网络的室内指纹定位技术》

### Conference Publications

- 《WiDeep: Learning Featured Fingerprints with DBN framework for Indoor Localization》

### Patent Publications

- 《一种基于深度学习的WiFi室内定位系统》

### Publications Under Review

- 《Beyond Preserving Information: Multi-Task Learning with Disjoint Datasets》

## Research Experience

### Shanghai Jiao Tong University, Shanghai, China

- PhD
- Few-shot image generation

Apr 2019 - present

### Shanghai Jiao Tong University, Shanghai, China

- Master
- Multi-task learning with disjoint datasets [SA-MTL](#)
- Deep sentiment analysis by combining facial expression and action [Bimodal Sentiment Analysis](#)
- Indoor localization with WiFi fingerprint [Wideep](#)

Mar 2018 - Mar 2019

Sep 2016 - Aug 2017    Sep 2017 - Feb 2018

## Project Experience

- Micro emotion recognition
- Smart Home
- Multi-view object recognition
- Indoor Localization [Wideep](#)

*Caicloud, Jan 2018 - Apr 2018*

*Shanghai Jiao Tong University, May 2018 - Oct 2018*

*Shanghai Jiao Tong University, June 2018 - Oct 2018*

*Shanghai Jiao Tong University, Apr 2017 - July 2017*

## Teaching

- Teaching Assistant, **Digital Circuits**

*Shanghai Jiao Tong University, Mar 2017 - July 2017*

## Honors & Awards

- League secretary, Second-class scholarship
- Excellent graduate of SZU 2016
- Excellent graduation thesis of SZU
- Excellent student of SZU

*Shanghai Jiao Tong University, 2016-2019*

*Shenzhen University, 2016*

*Shenzhen University, 2016*

*Shenzhen University, 2012-2016*

## Computer Skills

- Programming Languages: C/C++, Python, Matlab, Java (little)
- Libraries: OpenCV, Tensorflow, Pytorch