

# XUN WANG

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## Education

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MA.Sc in Probability and Mathematical Statistics  
**Sun Yat-Sen University**  
B.E. in Mathematics and Application Mathematics  
**Beijing Normal University**

*Sept. 2015 - Jun. 2018*  
- Advisor: Prof. Daoqing Dai  
*Sept. 2009 - Jul. 2013*

## Experience

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**Algorithm Engineer**  
**Malong Technologies**

*July. 2018 - present*  
**Report to Chief Scientist**

- Conducting image retrieval and deep metric learning research.
- Working on a program on hardware retrieval and online product retrieval.

**Algorithm Intern**  
**Intellifusion Technologies**

*Nov. 2017 - . 2018*  
**Mentor: Yongqiang Mou (Algorithm Director)**

- Learn knowledge about deep learning and deep learning framework: PyTorch and Caffe
- Reading papers on deep metric learning and Person ReID
- Reproduced the performance of the paper: In Defense of the Triplet Loss for Person Re-Identification (<https://arxiv.org/abs/1703.07737>) with Caffe and Pytorch

**Math Teacher**  
**Lingbi Senior High School**

*Sept. 2013 - Aug. 2015*

- This special experience tells me it is not easy to explain simple idea clearly.

## Publications

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- **Xun Wang**, X. Han, W. Huang, D. Dong and R. Scott, “Multi-Similarity Loss with General Pair Weighting for Deep Metric Learning,” *In CVPR*, 2019 .
- **Master Thesis.**, “Deep Metric Learning based on Sub-type Fuzzy Clustering” 2018.

## Honors and Awards

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- The 1st order Graduate Scholarship *2015-2017*
- The 2nd order Graduate Scholarship *2017-2018*
- The 2nd Prize in 1500M Race of School Athletic Meet *2016*

## Skills

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- **Programming Languages:** Python, MATLAB
- **Operating Systems:** Linux, Windows, MacOS
- **Tools:** PyTorch