



Di Chen

🎂 10 Aug. 1994 • ♂ Male

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🎓 EDUCATION

NANJING UNIVERSITY OF SCIENCE AND TECHNOLOGY

SEPTEMBER 2017 - PRESENT

College of Computer Science and Engineering

Pattern Recognition and Intelligent System Ph.D.

Supervisor: [Prof. Jian Yang](#) and [Prof. Shanshan Zhang](#)

NANJING UNIVERSITY OF SCIENCE AND TECHNOLOGY

SEPTEMBER 2012 - JUNE 2016

College of Elite Education

Electronic Engineering and Information Science B.S.

📖 PUBLICATIONS

- [1] **Di Chen**, Shanshan Zhang, Jian Yang and Bernt Schiele. Norm-Aware Embedding for Efficient Person Search. In *CVPR*, 2020.
- [2] **Di Chen**, Shanshan Zhang, Wanli Ouyang, Jian Yang and Bernt Schiele. Hierarchical Online Instance Matching for Person Search. In *AAAI*, 2020, Oral.
- [3] **Di Chen**, Shanshan Zhang, Wanli Ouyang, Jian Yang and Ying Tai. Person search via a mask-guided two-stream cnn model. In *ECCV*, 2018.
- [4] **Di Chen**, Chunyan Xu, Jian Yang, Jianjun Qian, Yuhui Zheng and Linlin Shen. Joint Bayesian guided metric learning for end-to-end face verification. *Neurocomputing*, 275, 2018.
- [5] **Di Chen**, Shanshan Zhang, Wanli Ouyang, Jian Yang and Ying Tai. Person search by separated modeling and a mask-guided two-stream cnn model. *TIP*, 2020.
- [6] Shanshan Zhang, **Di Chen**, Jian Yang and Bernt Schiele. Guided attention in cnns for occluded pedestrian detection and re-identification. *IJCV*, 2018. (In Peer Review.)
- [7] **Di Chen**, Shanshan Zhang, Jian Yang and Bernt Schiele. Norm-Aware Embedding for Efficient Person Search and Tracking. *TPAMI*, 2020. (In Peer Review.)

📁 EXPERIENCES

MAX-PLANCK-INSTITUT FÜR INFORMATIK

APRIL 2019 - PRESENT

Computer Vision Visiting Student with [Prof. Dr. Bernt Schiele](#)

- Work on efficient person search with end-to-end models.
- Work on multiple object tracking by extending person search models.
- Work on pose estimation in re-ID scenarios.

✉ SERVICES

- Reviewer of International Joint Conference on Artificial Intelligence (IJCAI) 2020
- Reviewer of International Journal of Computer Vision (IJCV)
- Reviewer of Pattern Recognition
- Reviewer of Neural Processing Letters
- Reviewer of International Conference on Image and Graphics (ICIG) 2019

HONORS

NSFC NATIONAL AUTONOMOUS DRIVING CHALLENGE

NOVEMBER 2018

First Prize on Car Detection and Second Prize on Off-lane Detection

“INNOVATION CUP” EXTRACURRICULAR TECHNOLOGY ARTWORKS COMPETITION

MAY 2016

Second Prize with my work [PixelsOverFlow](#).

SCHOLARSHIP OF NUST FOR EXCELLENT STUDENT

SEPTEMBER 2013, 2014 AND 2015

Second, Third and Second Prize, respectively.

“21ST CENTURY COCA-COLA CUP” NATIONAL ENGLISH SPEAKING COMPETITION DECEMBER 2012

First Prize of NUST subsection.

★ SKILLS

LANGUAGES: Python, \LaTeX , MATLAB, Bash, C, HTML

LIBRARIES: Pytorch, TensorFlow, Caffe, NumPy, Scikit-Learn, OpenCV

TECHNOLOGIES: Linux Server Operation and Maintenance, Docker, Git, Vim

BRIEFLY

Hey there! I'm Di Chen, a Ph.D. candidate in Computer Science at Nanjing University of Science and Technology, supervised by [Prof. Jian Yang](#) and [Prof. Shanshan Zhang](#). Currently Im visiting Max-Planck-Institut fr Informatik, advised by [Prof. Dr. Bernt Schiele](#).

My research interest lies in computer vision, including person search (a hybrid task with pedestrian detection and person re-identification), multiple object tracking and face recognition.

My other hobbies include a variety of things such as researching about Linux, Physics and Astronomy. I also practice Archery and Drumming.