

# Dong Chen

Lead Researcher, Microsoft Research Asia

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## WORK EXPERIENCE

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2015.7-Present **Microsoft Research Asia** Beijing, China  
*Lead Researcher, Visual Computing Group*

- Research on image generation
- Research on face detection
- Research on distributed DNN training

## INTERNSHIP

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2011.7-2015.7 **Microsoft Research Asia** Beijing, China  
*Visual Computing Group*

2010.3-2010.9 **Microsoft Research Asia** Beijing, China  
*Visual Computing Group*

## EDUCATION

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2010.9-2015.7 **University of Science and Technology of China** Hefei, China  
*PhD Degree, Department of Electronics Science and Technology*

- Advisor: Prof. Jian Sun
- Awards: Microsoft Research Asia Fellowship, 2013

2006.9-2010.7 **University of Science and Technology of China** Hefei, China  
*Bachelor Degree, Department of Electronics Science and Technology*

- Outstanding Student Fellowship, Second Prize, 2009
- Outstanding Student Fellowship, First Prize, 2008
- Outstanding Student Fellowship, Third Prize, 2007
- Outstanding Student Fellowship, Third Prize, 2006

## PUBLICATIONS

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2019

- Shuyang Gu, Jianmin Bao, Hao Yang, **Dong Chen**, Fang Wen, Lu Yuan, **Mask-Guided Portrait Editing with Conditional GANs**. CVPR 2019
- Xiang Ming, Fangyun Wei, Ting Zhang, **Dong Chen**, Fang Wen, **Group Sampling Networks for Scale Invariant Face Detection**. CVPR 2019
- Jinpeng Lin, Hao Yang, **Dong Chen**, Ming Zeng, Fang Wen, Lu Yuan, **Face Parsing with RoI Tanh-warping**. CVPR 2019
- Bo Zhang, Mingming He, Jing Liao, Pedro Sander, Lu Yuan, Amine Bermak, **Dong Chen**, **Deep Exemplar-based Video Colorization**. CVPR 2019

2018

- Jianmin Bao, **Dong Chen**, Fang Wen, Houqiang Li, Gang Hua. **Towards Open-Set Identity Preserving Face Synthesis**. CVPR 2018

- 2017
  - Jianmin Bao, **Dong Chen**, Fang Wen, Houqiang Li, Gang Hua. **CVAE-GAN: Fine-Grained Image Generation through Asymmetric Training**. ICCV, 2017
  - Jiaolong Yang, Peiran Ren, **Dong Chen**, Fang Wen, Hongdong Li and Gang Hua. **Neural Aggregation Network for Video Face Recognition**. CVPR, 2017
- 2016
  - **Dong Chen**, Xudong Cao, David Wipf, Fang Wen, Jian Sun. **An Efficient Joint Formulation for Bayesian Face Verification**. TPAMI, 2016
  - **Dong Chen**, Gang Hua, Fang Wen, Jian Sun. **Supervised Transformer Network for Efficient Face Detection**. ECCV, 2016
- 2014
  - **Dong Chen**, Shaoqing Ren, Yichen Wei, Xudong Cao, Jian Sun. **Joint Cascade Face Detection and Alignment**. ECCV, 2014
- 2013
  - **Dong Chen**, Xudong Cao, Fang Wen, Jian Sun. **Blessing of Dimensionality: High-dimensional Feature and Its Efficient Compression for Face Verification**. CVPR, 2013.
- 2012
  - **Dong Chen**, Xudong Cao, Liwei Wang, Fang Wen, Jian Sun. **Bayesian Face Revisited: A Joint Formulation**. ECCV, 2012

## SELF DESCRIPTION

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- Strong interest in computer science and software programming
- An ability to work well under pressure and tight deadlines
- Have the aptitude to synthesize large amounts of information and develop innovative solutions