

Dong Chen

Lead Researcher, Microsoft Research Asia

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WORK EXPERIENCE

- 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

- 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

- 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

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

- 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