

XIAO LI

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🎓 EDUCATION

University of Science and Technology of China (USTC) 2013 -- 2018 (expected)

Ph.D. candidate in Automation (Pattern Recognition & Intelligence Systems)

Advisor: Prof. Baining Guo, Prof. Yong Wang

Research Interest: Computer Graphics

University of Science and Technology of China (USTC) 2009 -- 2013

B.Eng. in Electronics Engineering

👥 EXPERIENCE

Microsoft Research Asia (MSRA) July. 2014 - Present

Research Intern (Joint Ph.D. Program) Mentor: Dr. Yue Dong, Lead Researcher

Working as a research intern in Internet Graphic group. Conducting research on appearance capture and modeling.

Microsoft Research Asia (MSRA) July. 2012 - June. 2013

Research Intern (Pre-Ph.D. Program) Mentor: Dr. Lvdi Wang, Associate Researcher

Worked as a research intern in Internet Graphic group. Conducted research and development on news visualization, image morphing, image-based hair modeling and interpolation.

Academy of Opto-Electronics, Chinese Academy of Sciences July. 2011 - Oct. 2011

Software Develop Intern Manager: Dr. Ziyang Li

Developed a software project for data monitoring and backup in LAN using C++ and VB.NET.

📁 PROJECT & PUBLICATION

Modeling Surface Appearance from a Single Photograph using Self-Augmented Convolutional Neural Networks

Xiao Li, Yue Dong, Pieter Peers, Xin Tong

ACM Transactions on Graphics, 36(4), 2017, (SIGGRAPH 2017)

Capturing Piecewise SVBRDFs with Content Aware Lighting

Xiao Li, Peiran Ren, Yue Dong, Gang Hua, Xin Tong

in submission to IEEE Trans. on Visualization and Computer Graphics

Hair Interpolation for Portrait Morphing

Yanlin Weng, Lvdi Wang, Xiao Li, Menglei Chai, Kun Zhou

Computer Graphics Forum 32, 7, (Pacific Graphics 2013)

GrowSearch: A prototype desktop application for news reading, managing & visualization

Jun Guo, Xiao Li, Shuangzhi Wu, Xichao Yang, Xiong Zhang

<http://www.msra.cn/zh-cn/connections/talents/msinnovation/default.aspx>

⚙️ SKILLS

- Programming Languages: Python / C++ / C
- Libraries: OpenGL / OpenCV / DirectX / CUDA / Qt
- DL framework: Caffe / TensorFlow

♥️ HONORS AND AWARDS

Hitachi Scholarship, University of Science and Technology of China Sept. 2012

Excellent Student Scholarship, Silver, University of Science and Technology of China Sept. 2011

Excellent Student Scholarship, Bronze, University of Science and Technology of China Sept. 2010