

CHEN, Qifeng

Phone: +1-650-441-4839 Email: chenqifeng22@gmail.com

Homepage: www.cqf.io

EDUCATION

PhD in Computer Science at Stanford University, Sep 2012 – Jun 2017

Bachelor of Computer Science and Maths, Hong Kong University of Science and Technology, Sep 2008 – Jun 2012

- GPA 4.10 and A+ for all CS courses taken (22 courses)

Exchange student at the University of Michigan, Ann Arbor, Fall 2010

- GPA 4.0

EMPLOYMENT

Research scientist at Intel Labs in Santa Clara, CA, Aug 2017 – present

- Conduct fundamental research in computer vision and deep learning

Research intern at Intel Labs in Santa Clara, CA, Sep 2016 – Jun 2017

Research intern at Microsoft Research Asia in Beijing, Jun 2011 – Aug 2011

HONORS AND AWARDS

Gold Medal at the ACM-ICPC World Finals in Orlando, 2011

- Ranked **2nd** in the world among 8305 teams representing 2070 universities in 88 countries
- Received **North America Champions** Award

Ranked **12th** in the world at Google Code Jam World Finals, 2012

- More than 30,000 competitors participated

Champion at Mr Armin and Mrs Lillian Kitchell Undergraduate Research Award, HKUST, 2012

Champion at IBM DB2 contest (database competition) in Hong Kong, 2011

3rd in the Baidu Astar contest out of 30267 contestants, 2010

Champion in the HK Collegiate Programming Contest, 2011

Gold Medal at International Olympiad in Informatics contest (IOI) in Croatia, 2007

- Ranked **8th** in the world

Kerry Holdings Limited Scholarship of 540K HKD, 2008-2012

3 Gold Medals (top 20 in China) in the National Olympiad in Informatics, 2005-2007

PUBLICATIONS

Qifeng Chen and Vladlen Koltun, "Photographic Image Synthesis with Cascaded Refinement Networks," IEEE International Conference on Computer Vision (ICCV), 2017
(Oral, 2.1% acceptance rate)

Qifeng Chen, Jia Xu, and Vladlen Koltun. "Fast Image Processing with Fully-Convolutional Networks," IEEE International Conference on Computer Vision (ICCV), 2017

Qifeng Chen and Vladlen Koltun. "Full Flow: Optical Flow Estimation By Global Optimization over Regular Grids," IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2016
(Oral, 3.9% acceptance rate)

René Ranftl, Vibhav Vineet, **Qifeng Chen**, and Vladlen Koltun. "Dense Monocular Depth Estimation in Complex Dynamic Scenes," IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2016

Qifeng Chen and Vladlen Koltun. "Robust Nonrigid Registration by Convex Optimization," IEEE International Conference on Computer Vision (ICCV), 2015
(Oral, 3.3% acceptance rate)

Qifeng Chen and Vladlen Koltun. "Fast MRF Optimization with Application to Depth Reconstruction," IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2014

Qifeng Chen and Vladlen Koltun. "A Simple Model for Intrinsic Image Decomposition with Depth Cues," IEEE International Conference on Computer Vision (ICCV), 2013

Dingzeyu Li, **Qifeng Chen**, and Chi-Keung Tang. "Motion-Aware KNN Laplacian for Video Matting," IEEE International Conference on Computer Vision (ICCV), 2013

Qifeng Chen, Dingzeyu Li, and Chi-Keung Tang. "KNN Matting," IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI), 2013

Qifeng Chen, Dingzeyu Li, and Chi-Keung Tang. "KNN Matting," IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2012

SKILLS

Languages: English (Fluent), Mandarin Chinese (Fluent), Cantonese Chinese (Native)

Programming Languages: Matlab, C/C++, Java, Python, Pascal