

Qi Guo

CONTACT	4228 Newell-Simon Hall 5000 Forbes Avenue Pittsburgh, PA 15213 USA	+1-412-499-1582 qiguo@andrew.cmu.edu http://qiguo.ml
EDUCATION	Carnegie Mellon University Pittsburgh, U.S. • Master of Robotics, School of Computer Science (3.92/4.3) Tsinghua University Beijing, China • Bachelor of Computer Software, School of Software • Bachelor of Economics, School of Economics and Management Swiss Federal Institute of Technology (ETH) Zurich, Switzerland • Exchange Student, Computer Science (Informatik)	<i>Aug 2014 - May 2016</i> <i>Sep 2010 - Jul 2014</i> <i>Sep 2011 - Jul 2014</i> <i>Feb 2013 - Aug 2013</i>
RESEARCH & PROFESSIONAL EXPERIENCE	Carnegie Mellon University , Research Assistant Advised by Emma Brunskill, Jeffrey Bigham and Niki Kittur • Questimator: Generating multiple-choice questions for arbitrary topics • Utilized word2vec and skip-thought vectors (neural network models) • Conducted crowdsourced evaluation with >800 Amazon mechanical turkers HTC Beijing Research Center , Intern Advised by Deli Zhao and Xiaoming Jin • Built a system for social network sentiment analysis, using layered SVM and LDA • Applied it for behavioral finance problems. (<i>Distinct Economics Bachelor Thesis</i>) Microsoft Research Asia , Intern Advised by Fan Yang and Lvdi Wang • Digital Barber: a mobile app based on 3D hair reconstruction from single image • Worked on 3D head/hair model reconstruction, hair simplification etc. CG Lab, ETH (& Disney Research Zurich) , Research Assistant Advised by Henning Zimmer and Markus Gross • Optical flow estimation with multi-spectral images, using wide-spectrum information • With Gauss-Seidel solver, accelerated by successive over-relaxation method (SOR) Tsinghua ShareCourse Web App , Main Developer	<i>Oct 2014 - May 2016</i> <i>March 2014 - June 2014</i> <i>Sep 2013 - Feb 2014</i> <i>Jun 2013 - Aug 2013</i> <i>June 2011 - Jan 2012</i>
PUBLICATION	• Qi Guo , Chinmay Kulkarni, Niki Kittur, Jeffrey P. Bigham and Emma Brunskill <i>Questimator: Generating Knowledge Assessments for Arbitrary Topics</i> , IJCAI 2016	
HONORS & AWARDS	Research Assistant Scholarship Jingwei Innovation Fund Oversea Research Scholarship ETH Excellent Exchange Student Scholarship Outstanding Student Program-Entrepreneurial Track, SEM Student Research Scholarship Excellent Debater, Tsinghua University Debate Competition First Prize, National Physics Olympiad, Hebei Province, China	<i>Jan 2015</i> <i>July 2013</i> <i>Feb 2013</i> <i>June 2012</i> <i>Oct 2011</i> <i>May 2011</i> <i>Oct 2009</i>
COURSES@CMU	Machine Learning, Computer Vision, Probabilistic Graphical Models, Convex Optimization, Intermediate Statistics, Statistical Machine Learning, Math Fundamentals for Robotics	