


# JIA XU MA

MPHIL, COMPUTER SCIENCE

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EDUCATION	<b>Shanghai Jiao Tong University</b> <i>MPhil</i> , Computer Science - <b>GPA</b> : 3.88/4.0 - Advisors: Prof. <a href="#">Cewu Lu</a>  <b>Nanjing University</b> <i>Bachelor</i> , Physics - <b>GPA</b> : 4.5/5.0	Sept 2016—2019 (expected)      Sept 2012 —Jun 2016
UNDER REVIEW	<b>Fast Surface Defect Detection Using Gabor Filters</b> <b>Jiaxu Ma</b> , Yuxi Wang, Chen Shi, Cewu Lu Submitted to the <i>International Conference on Image Processing</i> (ICIP) 2018. <b>Annotation-Free and One-Shot Learning for Instance Segmentation of Homogeneous Object Clusters</b> Zheng Wu, Ruiheng Chang, <b>Jiaxu Ma</b> , Cewu Lu, Chi-Keung Tang Submitted to the <i>International Joint Conferences on Artificial Intelligence</i> (IJCAI) 2018.	
SELECTED PROJECTS	<b>C++ implementation of Structured Edge Detection Toolbox</b>  - Implemented the well-known Structured Edge Detection Toolbox in c++ code for sake of speed	
HONORS AND AWARDS	Honorable Winner of The Mathematical Contest in Modeling Industrial Bank Scholarship( <b>Top 5%</b> ) Elite Scholarship( <b>Top 15%</b> )	2014 2013 2013
PROGRAMMING PROFICIENCIES	C / C++, Python, MATLAB, $\text{\LaTeX}$ OpenCV, TensorFlow, PyTorch, Torch	