

CONTACT INFORMATION	Department of Automation, Tsinghua University, China Homepage: https://www.vincentqin.tech/about GitHub: https://github.com/vincentqyw	qin123@163.com Tel: Secret
RESEARCH INTERESTS	Computer Vision: image processing (depth estimation from light field) and pattern recognition (license plate recognition). GPU Acceleration: code optimization, thread scheduling, memory management.	
EDUCATION	Tsinghua University(THU) , Beijing, China	
	M.E., Department of Automation	Sep 2015 – Jul 2018
	<ul style="list-style-type: none"> • Major in Control Engineering • Advisor: <i>Prof. Xin Jin</i> • GPA: 3.5/4.0 	
	Chongqing University of Posts and Telecommunications(CQUPT) , Chongqing, China	
	B.S., Department of Automation	Sep 2011 – Jul 2015
	<ul style="list-style-type: none"> • Major in Automation • GPA: 3.8/4.0 	
MAJOR CURRICULUM	Postgraduate Courses: Machine Learning, Digital Image Processing, Convex Optimization, Next Generation Video Coding and Low Power Design, Stochastic Processes, Modern Signal Processing, Data Mining, Pattern Recognition, Advanced Computing. Undergraduate Courses: Automatic Control Principles, Signals and Systems, Circuit Theory, Power Electronics Technology.	
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none"> 1. Yanwen Qin, Xin Jin, Yanqin Chen, and Qionghai Dai, “Enhanced Depth Estimation for Hand-Held Light Field Cameras,” <i>International Conference on Acoustics, Speech and Signal Processing (ICASSP)</i>, 2017. (Poster) 2. Yanwen Qin, Xin Jin, and Qionghai Dai, “GPU-Based Depth Estimation for Light Field Images,” <i>Pacific-Rim conference on Multimedia ((ISPACS)</i>, 2017. (Oral) 	
PATENTS	<ol style="list-style-type: none"> 1. Xin Jin, Yanwen Qin, and Qionghai Dai, “A GPU-Based Depth Estimation Method for Light Field Images,” <i>China Patent No.201810119147.0</i> 2. Xin Jin, Yanwen Qin, and Qionghai Dai, “An Angular Patch Based Depth Estimation Method for Hand-Held Light Field Images,” <i>China Patent No.2017101745053</i> 3. Xin Jin, Yanwen Qin, and Qionghai Dai, “A Depth Optimization Algorithm Based on Morphological Confidence Region Propagation,” <i>China Patent No.201610823043.9</i> 	
PROJECTS	<ul style="list-style-type: none"> • Depth Map Estimation Using GPU • Enhanced Depth Estimation for Light Field Images • Vehicle License Plate Recognition System Design 	<p>Otc 2016 – Apr 2017</p> <p>Otc 2015 – Sep 2016</p> <p>Feb 2015 – Jun 2015</p>
ACADEMIC ACTIVITY	<ul style="list-style-type: none"> • Visit Japan Universities and Exchange Research Ideas(Japan), • Student Member, IEEE 	Jan 2017
INTERNSHIP EXPERIENCE	<ul style="list-style-type: none"> • Computer Vision Algorithm Intern SenseTime Group Limited in ShenZhen China. Projects: Sparse Depth Map Enhancement using Multiple Filters; Coding Refactory and Compiling.etc. 	<p>May 2017 – Sep 2017 Supervisor: Dr. Wenxiu Sun</p>

HONORS AND AWARDS	• Third Prize Scholarship of Tsinghua University,	2016
	• Outstanding graduates in CQUPT ,	2015
	• SK Hynix Creative Talents Scholarship CQUPT ,	2014
	• Third Prize College Entrepreneurship Competition(Chongqing, China),	2014
	• First Prize Mathematical Contest in Modeling(MCM)(Chongqing, China),	2013
	• National Scholarship (Ministry of Education, China, Top 2%),	2012,2013
	• Excellent Student in CQUPT (Top 5%),	2012,2013

SKILLS	• Strong research sense and good at mathematics & algorithms.
	• One-and-A-Half year English Group Meeting Experience.
	• Programming: Matlab , C/C++, CUDA, Python, Linux, OpenCV, \LaTeX , Markdown.
	• Useful tools: Visual Studio, Weka, Photoshop, Excel.