
Education

Tsinghua University , Beijing, China	2014 - 2018(expected)
Bachelor's of Engineering in Software Engineering	
Overall GPA: 3.90 • Rank: 4/70 top 10%	
Relevant Coursework: Software Engineering • C/C++ Programming • Data Structure and Algorithms • Acquisition and Display of Visual Information • Front-end & Back-end Web Programming • Computer System Software (OS/Database) • Architecture of Computer and Network • Digital Media: Multimedia (Computer Vision, Audio and Video) • Introduction to Data Mining and Information Retrieval	
Hong Kong University of Science and Technology , Hong Kong	Jan 2016 & Feb 2017
Visiting Student in Department of Computer Science	

Publications

- Fei Wang, **Mengqing Jiang**, Chen Qian, Shuo Yang, Cheng Li, Honggang Zhang, Xiaogang Wang, Xiaoou Tang, “Residual Attention Network for Image Classification”, CVPR 2017 (*spotlight*)
- Shifeng Zhang, Jianmin Li, **Mengqing Jiang**, Bo Zhang, “Scalable Discrete Supervised Multimedia Hash Learning with Clustering”, IEEE TCSVT 2017

Honors and Awards

Science and Technology Innovation Scholarship (2/70)	2017
National Scholarship (2/70)	2016
Qualcomm Scholarship (33 of all STEM junior students at Tsinghua)	2016
WeTech Qualcomm Global Scholarship (18 students in China)	2015
Tsinghua's Friend – Dong's Oriental Scholarship (4/64)	2015
Second Prize in National Olympiad in Informatics in Provinces (NOIP)	2011

Research Experience

Berkeley DeepDrive , UC Berkeley, CA	Jun 2017 - present
<i>Undergraduate Researcher</i> under Professor Trevor Darrell	
<ul style="list-style-type: none">• Research topic: Imitated Control for Vehicle Pedestrian Interaction• Implemented pedestrian detector using LiDar point cloud• Built up experimental system based on ROS on the self-driving car, including visualization dashboard, camera & LiDar calibration tools, motion2control API, etc.	
Deep Coding Group, HKUST , Hong Kong	Mar 2016 - Aug 2017
<i>Undergraduate Researcher</i> under Professor Sung Kim	
<ul style="list-style-type: none">• Research topic: Doodle2Code—CNN+LSTM based HTML Code Generation Given Hand-written Web Page Doodles.	

Professional Experience

R&D Dept., SenseTime Inc. , Beijing	Jun 2016 - Dec 2016
<i>Computer Vision Engineer Intern</i>	
<ul style="list-style-type: none">• Reproduced computer vision baseline deep models, e.g. Faster-rcnn, RFCN (object detection), ResNet (image classification), FCN, DeconvNet, DeepLab (image segmentation) etc.• Assisted in hand gesture detection project and human body segmentation project.	

Other Projects

B+ Tree Index Enhanced HSQLDB	Spring 2017
WeLearn (WeChat web application)	Fall 2016
C2LLVM compiler using pure python	Fall 2016
Video Clip Classification based on Deep Learning (Student Research Training Project)	Spring 2016
Content based Music Recommendation System	Fall 2015
Android apps for the Chinese Media Center of United Nation	Summer 2015

Technical Skills

Python • C/C++ • HTML/CSS/Javascript • ROS • PyTorch • Caffe • Tensorflow • Django • Qt • Matlab

Extracurricular Activities

Vice President, Student Union of School of Software, Tsinghua University	2015
Director of Video, Student TV Station, Tsinghua University	2014
Vice President, Association of Science & Technology, Chengdu No.7 High School	2013