YUN Peng

Gender:	Male	Email Address:	u201313922@hust.edu.cn
Residence:	Tianjin, China	Mobile Phone:	(86) 15320058918
TOEFL:	100	Research Interests:	Machine Learning & Image Processing

Education

09/2013 – Present	**Huazhong University of Science and Technology**
	Major: Electronic Science and Technology
	Weighted Average: 90.28/100 （Top5%, 6/187）

Related Experience

1/2017 – Present RAM-Lab	**Research on Cloud Based SLAM Algorithm**
	Proposed a cloud robotics framework based on WebSocket and OpenResty and applied this framework to implement PNP, relocation and semantic segmentation
08/2016 – 11/2016 International Robot Industry Base in Songshan Lake	**Research on Carpet Segmentation Algorithm Applied to Household Cleaning Robots**
	Did research on image classification, detection and segmentation
	Proposed and implemented algorithm based on hardware condition: using CNN to classify images, followed by conventional segmentation method
	Proposed and implemented cloud based algorithm based on fully convolutional neural network and Amazon EC2 servers.
07/2016 – 08/2016 Center for Computational Materials Science and Computer Measurement Simulation	**Application of Shallow Neural Network**
	Applied Neural Network to the inference of reflectivity of frequency selective surface
	Applied Neural Network to the inference of spill characteristic of electrons
07/2014 – 07/2015	**Robot Football Match-RoboCup2015 International Tournament**
	Designed circuits for humanoid robots
	Entered quarter final and achieved one technical challenge

Awards

2014 - 2016	National	National Scholarship awarded by Ministry of Education of China (2%)
2014 - 2016	Inter-school	Tri-excellent Student honored by Huazhong University of Science and Technology (10%)
2014	Inter-school	Outstanding Undergraduate honored by Huazhong University of Science and Technology (1%)
2014	National	Second Prize for Iot(Internet of Things) Innovation Competition