

Jiatong (Jennifer) Li

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Education

University of Michigan, Ann Arbor, MI

Master of Science in Electrical and Computer Engineering

Aug 2016-May 2018

Track: Signal and Image Processing and Machine Learning

GPA: 4.0

Coursework: Machine Learning; Matrix Methods for Signal Processing, Data Analysis and Machine Learning; Probability and Random Processes; Advanced Topics in Computer Vision; Stochastic Processes; Continuous Optimization Methods

Tsinghua University, Beijing, China

Bachelor of Engineering

Aug 2012-July 2016

Major: Electronic Information Science and Technology

Major GPA: 89/100

Bachelor's thesis: Research and Implementation of Image Haze Removal Algorithms

Advisor: Yu-Jin Zhang

Publication

Jiatong Li, Yu-Jin Zhang (2016). A new image haze removal algorithm and its performance evaluation. Proceedings of the 18th National Conference on Images and Graphics of China, 569-573, 2016.

Experience

Toshiba Medical Systems (China) Co., Ltd., Beijing, China

Research Intern

July 2015-Aug 2015

- Conducted target recognition research using image processing and machine learning
- Extracted image features (e.g., HOG, Haar, LBP and DOT)
- Used Hough forest to detect targets
- Evaluated the effectiveness of convolution neural networks on target recognition

Coursera Certificates

Exploratory Data Analysis; Statistical Inference; Regression Models; Practical Machine Learning

Programming Languages

Matlab, C++, R