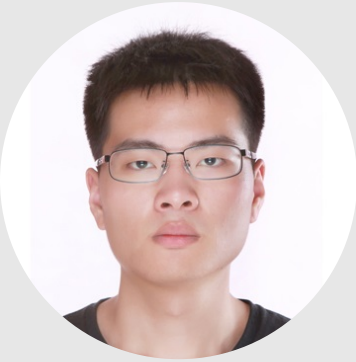

# LingZhi Li


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## About me

I'm an current graduate student at Peking University, major in software engineering, and have been entering an research internship in msra in the past 6 mounth.

I am proficient in python, familiar with C/C++,CUDA, Linux,equiped with skils of Excel LaTeX PowerPoint etc. I have great passion on Computer Programming and Internet industry, During my college life.

I have conducted many project as a leading roll, and had learned lots of related class by myself.

## Skills

- python
- Data Structure and Algorithms
- Matlab
- English Comunication
- Computer Vision

## Key Word

CET-6: 579 GPA: 3.77/4.0 python
Computer Vision Deep Learning MSRA Research Intern
1st Place in the Graduate Student Entrance Examination(1/175)

## Education

2017 - Peking University Master
Software Engineering

2013 - 2017 Beijing Jiaotong University Bachelor
Communication Engineering

## Awards

2018 Jane Street Electronic Trading Competition 1st
2018 Microsoft Joint Machine Learning Course Best Team Award
2018 Citadel DataOpen Beijing 2nd
2018 Data Science Bowl 2018 (39th/3634)
2017 WWW 2018 Challenge (5th/274)

## Experience

### MSRA Research Intern — 2018.8 - now

As an current intern at MSRA VC group, I developed an state-of-the-art semantic segmentation model which achieve mIoU *83.2* in cityscapes benchmark ranking the #3(when submitting), surpassing Google Brain,Nvidia and Tencent AI Lab.

I also invent ShapeShifter, the world's firts-ever Open-Set HD face replacement algorithm . it can generate photo-realistic result in real-time with only one pair photo , and needs no additional training. also adaptive to most extreme condition in real world

### Jane Street Electronic Trading Competition

To developing a set of algorithms and automatic bot while conducting trading against other participant in real time. our model has won both most income prize and most income in last hour prize.

### Automate Nucleus Detection — Data Science Bowl 2018

Build A Mask R-cnn model that can identify a range of nuclei across varied conditions, with Better ROI Align, Data Augmentation,Network Tuning etc. We achieved top 1% score.

### Musical Genre Classification — WWW 2018 Challenge

We build a music genre classification model on FMA dataset, we have adapted multiple spectrogram algorithms,data augmentation, voting, GRU and CNN ensemble. We achieved top 1.8% score.

### DSP Implementation Of Isolated Word Recognition System

Leading a 3 people group, accomplished circuit simulation,Programming in C, transplant C code to DSP platform. reaching an accuracy of 90%.

### Li-Fi Audio Signal Transmission System

we build a visible light audio transmission system almost from scratch, circuit design and simulation, electronic components selecting testing, , finally welding circuit board and assemble every thing into one piece. finally achieved lossless audio transmission with a simple desk lamp.