



## Peng Wang

21-year-old Male

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### PROFESSIONAL SKILL

Python Advanced  
C/C++ Intermediate  
Matlab Advanced  
HTML/CSS Intermediate  
PPT/Excel Advanced  
Linux/Shell Intermediate

### LANGUAGE SKILL

Mandarin:  
Mother tongue  
  
English:  
Experienced user

### JOB INTENSION

Software Engineer  
Service Software Engineer

### EDUCATIONAL BACKGROUND

Fudan University 2016-09 to 2020-06  
Electronic Information Science and Technology Bachelor



Courses : Algorithm and Data Structure / Calculus and Linear Algebra /  
Probability Theory, Mathematical Statistics and Random Process /  
Computer Systems A Programmer's perspective

### PROJECTS

An Unsupervised Learning Model for Deformable Image Registration of Liver CT images 2019-08 to 2020-01

The project presents an unsupervised learning model that cascades multiple subnetworks with different functions for deformable registration  
Responsibility:

- a) Data preprocess for training
- b) Train the learning-model based in Tensorflow on the Tian X(pascal) GPU and optimize the structure of the learning-model

Singing Evaluation and Beautification with Deep Learning 2018-07 to 2019-12

Responsibility:

- a) Data mining: get music data through web scraping
- b) Blind source separation: separating the vocal and background music in the songs

### AWARDS

Thermo Fisher STEM Scholarship 2019-05  
Star of College, Fudan University 2018-10  
Excellent Students, Fudan University 2018-05  
Joel&Ruth Spira Scholarship 2018-05  
The Ten Best Students, School of Information Science and Engineering 2018-03  
Outstanding Student Leaders 2017-10

### INTERNATIONAL EXPERIENCE&VOLUNTEER

American Culture Program at University of North Carolina Wilmington

- ※ Learning about American culture, music, history, geography and so on
- ※ Experiencing diverse cultural and recreational activities on local campuses

Summer Social Practice Activities in Hainan

- ※ Working as a volunteer teacher at Siyuan School in Wuzhishan City