

PENG WANG

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🎓 EDUCATION

Fudan University, Shanghai, China

Sep. 2015 - Jun. 2019

B.S. in Computer Science (CS)

GPA: 3.63/4.00

♡ HONORS AND AWARDS

ACM-ICPC Asia Hong Kong Regional Contest, Champion

Nov. 2017

ACM-ICPC Asia China-Final Contest, Gold Medalist

Dec. 2016

Fudan Student Scholarship, Second Prize

Sep. 2017

Fudan CS Top Class Scholarship, First Prize

Sep. 2017

Fudan Student Scholarship, Third Prize

Sep. 2016

👤 EXPERIENCE

Fudan ACM-ICPC Team Member

Sep. 2015 - Nov. 2017

Got 2 gold medals and 1 champion in ACM-ICPC regional contests.

Got 1 gold medal in CCPC final contest.

⚙️ PROJECTS

Personal/NLP Course Project: Lyric Generator

Jan. 2018

A Chinese lyric generator. Use char-RNN with TensorFlow.

I trained two RNN model with 120W+ Chinese characters extracted from Netease Music, one model with word segmentation, another without.

The lyrics generated have basic natural sentence structures.

Personal/CV Course Project: Stereo Vision

Jan. 2018

A series of algorithms to achieve stereo vision, mainly binocular vision.

I actualized camera calibration and stereo matching with 2 cheap cameras, mainly by OpenCV.

The finished product can generate basic depth maps from images captured by the 2 cams.

Personal/AI Course Project: Pokemon-Know

Dec. 2017

A simple expert system saluting Xiaobing thought reading, which can guess some Pokemons through a handful of questions. Use decision tree with ID3 algorithm for question choosing and PyQt5 for GUI.

I finished it by myself, with 2200+ lines of code.

59 Pokemons can be guessed out within no more than 8 questions.

⚙️ SKILLS

- Programming Languages: C++ > Python3 » HTML == JavaScript
- Other Tools: TensorFlow, OpenCV-Python, Flask, MySQL, PyQt
- Platform: Linux

📖 MISCELLANEOUS

- Blog: <http://totoro97.github.io>
- GitHub: <https://github.com/totoro97>
- CodeForces: <http://codeforces.com/profile/Totoro>