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

👥 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.

Youtu Lab Intern, Tencent Inc.   Mar. 2018 - Aug. 2018

♡ 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

⚙ 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

ℹ Miscellaneous

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