Chengzheng Yong

✉ yongchengzheng@mail.ustc.edu.cn

📞 (+86) 189-5788-3418

⑤ Chengzheng Yong

○ github.com/copland-yz

Python

C++

Matlab

LATEX

Java

🎓 Education

University of Science and Technology of China, Hefei, Anhui, China   2018 – Present

B.S. in Geophysics

👥 Experience

Formation processes and material sources of terrestrial planets   2021 – Present

Research Project   Advisor: Liping Qin, Yunzhao Wu

Brief introduction:

- Analyzing the material sources of Mars and use inverse algorithm to calculate its formation.
- Based on multi-spectral image.
- Already done approximately 5% of the work.

The final project of USTC Geoscience AI course   Jan. 2021 – Feb. 2021

Individual Project

This is an open competition on Kaggle, see https://www.kaggle.com/c/ustc-geo-ai20/leaderboard

- This project aims to design a convolutional neural network (CNN) for fault detection in seismic images.
- Using Tensorflow kernel, running on Huawei Cloud.
- I ranked 4th on the leaderboard.

The Mechanism, Effects and Solutions of Solar Storm   Dec. 2018 – June 2019

Group Project   Advisor: Huaiwei Ni, Leader: Zijin Zhang

This is a group project on a course called "Freshman Seminar".

- Our main job is to survey related publications and write a review article.
- I contributed over 35% among 4 members.

♡ Honors and Awards

Earth Science Climbing Award   Nov. 2020

Zhao Jiuzhang Award   Nov. 2020

ⓘ Miscellaneous

- Blog: http://copland-yz.netlify.app
- GitHub: https://github.com/copland-yz
- Languages: English - Fluent, Mandarin - Native speaker, French - Beginner, German - Beginner