



CHENGZHENG YONG

✉ yongchengzheng@mail.ustc.edu.cn

☎ (+86) 189-5788-3418

📧 Chengzheng Yong

🌐 github.com/copland-yz

Python

C++

Matlab

L^AT_EX

Markdown

🎓 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

Zhao Jiuzhang Award (Top 25%)

Nov. 2020

3rd Prize, SEG Challenge Bowl, During APGSC (Preliminary)

Sep. 2020

Earth Science Climbing Award (Top 30%)

Nov. 2019

Touching Stories in the Volunteering Service

Oct. 2018

📖 MISCELLANEOUS

- Blog: <http://home.ustc.edu.cn/~yongchengzheng>
- GitHub: <https://github.com/copland-yz>
- Languages: English - Fluent, Mandarin - Native speaker, French - Beginner, German - Beginner