



CHENGZHENG YONG

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📧 Chengzheng Yong

🌐 github.com/copland-yz

Python

C++

Matlab

L^AT_EX

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 Tutor: 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 Tutor: 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