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Research interests

Earthquake monitoring
Graph neural network
Deep learning application to observational seismology

Education

University of Science and Technology of China Hefei, China
MS in Geophysics Sept. 2020 – Present

Jilin University Changchun, China
BS in Geophysics Sept. 2016 – Jun. 2020

Talks

Deep Learning Discrimination of Earthquakes and Quarry Blasts. May. 22, 2021
Seminar on AI and microseismicity monitoring. Qingdao, China

Meeting Abstracts

Deep Learning Discrimination of Earthquakes and Quarry Blasts in Southern California. Aug. 6, 2021
AOGS2021 Virtual 18th Annual Meeting. Online (due to COVID-19)

Computer skills

Programming language: Fortran90, C/C++, Julia, Python, Shell
Software packages: SAC, GMT, Obspy, Taup
Platforms: Linux, Windows
AI framework: Scikit-learn, Keras, Tensorflow
Writing: LaTeX

Language

Chinese, English, Japanese (Learning)

Service

Volunteer Service for OIC (Office of International Cooperation) in USTC Aug 2021 – Current
A member of the volunteer team.