

Jun ZHU

Updated: March 13, 2022

GitHub: [JUNZHU-SEIS](#)

Website: [zhujun2316](#)

Email: zhujun2316@mail.ustc.edu.cn

Research interests

Earthquake detection
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

Computer skills

Programming language: Fortran90, C/C++, Julia, Python, Shell, Matlab
Software packages: SAC, STP (Seismogram Transfer Program), GMT, Obspy, SeisBench, Taup, AI (Adobe Illustrator)
Platforms: Linux, Windows
AI framework: Scikit-learn, Keras, Tensorflow, PyTorch
Writing: LaTeX

Language

Chinese (native), English

Service

Volunteer service for OIC (Office of International Cooperation) in USTC Aug 2021 – Present
A standby crew for the first USTC ENGLISH PUBLIC SPEAKING CONTEST
Geophysics seminar coordinator in ESS, USTC Sept 2021 – Present
Assist with visitor arrangements and help make the seminar schedule