

**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 – Current  
A standby crew for the first USTC ENGLISH PUBLIC SPEAKING CONTEST  
**Geophysics seminar coordinator in ESS, USTC** Sept 2021 – Current  
Assist with visitor arrangements and help make the seminar schedule