

Jun Zhu

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EDUCATION

- **Jilin University** Changchun, China
BS of Geophysics *Sep 2016 - June 2020*
- **University of Science and Technology of China** Hefei, China
PhD of Geophysics *Sep 2020 - Current*

SKILLS SUMMARY

- **Languages:** Python, Bash, Matlab, C, Fortran90
- **Frameworks:** Scikit, Pytorch, TensorFlow, Keras
- **Tools:** Obspy, GMT, SAC, STP, Git
- **Soft Skills:** Writing, Public Speaking

EXPERIENCE

- **GFZ Workshop on Environmental Seismology (German)** Remote
Student Participant (Full-time) *1 Dec 2021 - 3 Dec 2021*
 - **Discussion Forum Upgrades:** How to detect and discriminate environmental seismic signals from earthquake signals.
 - **Individual Presentation:** Deep and transfer learning for earthquake discrimination in southern California and eastern Kentucky.

PUBLICATIONS

- Deep learning and transfer learning of earthquake and quarry-blast discrimination: Applications to southern California and eastern Kentucky, submitted to JGR-Solid Earth. Zhu, J., L. Fang, F. Miao, L. Fan, J. Zhang, Z. Li*
- USTC-Pickers: a Unified Set of seismic phase pickers Transfer learned for China, submitted to Earthquake Science. Zhu, J., Z. Li*, L. Fang

HONORS AND AWARDS

- The First Prize Scholarship of ESS in 2021. (Top 50%)

VOLUNTEER EXPERIENCE

- **Volunteer service for OIC (Office of International Cooperation) in USTC** Hefei, China
A standby crew for the first USTC ENGLISH PUBLIC SPEAKING CONTEST *Aug 2021 - Present*
- **Geophysics seminar coordinator in ESS, USTC** Hefei, China
Assist with visitor arrangements and help make the seminar schedule. *Sep 2021 - July 2022*