

Mohammad Bejvani



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Live: mohamadbejvani

SUMMARY

A science lover being passionate to learn and having physics background. Taught Geophysics with hands-on experience in various field of Geophysics. Scientific programming is my core competency which enables me to analyze physical and mathematical aspects of Geophysics.

EDUCATION

- M.S. **Geophysics**, *University of Tehran*, **Feb 2015**, GPA: 16.67 (20)
- B.S. **Physics**, *Bahonar University of Kerman*, **Oct 2012**, GPA: 14.15 (20)

WORK EXPERIENCE

- Kish Petroleum Engineering (KPE), 2019, Magnetometry and Gravimetry,
- Signal Delta Pars (SDP), 2019, Geoelectric (IP & Resistivity),
- Pishgam Tajhiz Bonyan (PTB), 2020, Near-surface Geophysics
- Dana Energy company, from 2020, Quality control expert of 2D/3D seismic acquisition operation-Seismic data processing

PROFESSIONAL SKILLS

- **Computer:** MATLAB, R, Git and GitHub, Linux: Bash scripting, Microsoft Office, LATEX, Python: NumPy, Pandas, SciPy, Scikit-Learn, TensorFlow.
- **Geophysical software:** Seismic processing VISTA, SeisSpace ProMax, OMNI 3D design, Madagascar, Seismic Unix, Geosoft, GIS pro.

PUBLICATIONS

- **Bejvani M.**, (2017), "High-Resolution Time-Frequency Distribution", *Master thesis book*, LAP LAMBERT Academic Publishing.
- Ebrahimi M., **Bejvani M.**, Moradi A., Tafreshi M., (2016), "Application of STA/LTA based on cross-correlation to passive seismic data", *16th EAGE Workshop on Passive Seismic*.
- **Bejvani M.**, A. Gholami, (2015) "Adaptive STFT and its application for automatic traveltimes picking", *2nd Seminar of Petroleum Geophysical Exploration, Tehran, Iran*.
- **Bejvani M.**, Gholami A., (2014) "Seismic signal analysis based on spline-kernelled Chirplet transform", *16th Iranian Geophysics Conference, Tehran, Iran*.

REFERENCES

- [Dr. Ali Gholami \(agholami@ut.ac.ir\)](mailto:agholami@ut.ac.ir)
- [Dr. Ehsan Pegah \(e.pegah@khu.ac.ir\)](mailto:e.pegah@khu.ac.ir)
- [Dr. Hamid Reza Siahkoobi \(hamid@ut.ac.ir\)](mailto:hamid@ut.ac.ir)

What I do defines me.