Mohammad **Bejvani**

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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-Larn, 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 traveltime 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)*
Dr. Ehsan Pegah *(e.pegah@khu.ac.ir)*
Dr. Hamid Reza Siahkoohi *(hamid@ut.ac.ir)*

What I do defines me.

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