



# Ali Ahmad

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Address § Higher Institute for Earthquake Studies and Research- Damascus University- Damascus- Syria

## WORK EXPERIENCE

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General Company of Engineering and Consulting - Damascus- Syria

Sep. 2007 — May 2008

*Geotechnical engineering*

The company carries out engineering studies and technical designs, in addition to the technical audit, and supervising the implementation of the projects at its site.

My responsibilities :

·I was a geotechnical engineer in the soil testing laboratory.

My achievements:

·Carrying out many of road soil testings of projects around Damascus like Proctor testings, CBR, Atterberg limits, particle analysis etc.

I left this company because of changing my location in Damascus city to another one.

General Company of Road and Bridges- Tartus-Syria

Agu. 2008 — Feb. 2010

*Civil Engineering*

This company undertakes execution works of roads and bridges, railway and soil improvements and all related or connected works for it (inside and outside of Syria)

My responsibilities:

·I was a civil engineer in site.

My achievements:

·Supervision of foundation excavation of Sheikh-Saad bridge and reinforcement works.

·Supervision of expansion of Hossein Al-Bahr road and concrete retaining walls.

I left this company because of traveling aboard Syria to Iran for continuing my high studies.

Global MTM - Tehran - Iran

May 2015 — Dec. 2018

*Getechnical engineering*

Global Material Testing Manufacturers (MTM) is a scientific based corporation to manufacture high-tech laboratory facilities in the field of civil and geotechnical engineering, such as cyclic triaxial apparatus.

My responsibilities:

·I was a geotechnical engineer and translator in the laboratory of company

My achievements:

·Carrying out many of soil testings for projects such as Atterberg limits, particle analysis, triaxial testings, direct shear testings, etc.

·Triaxial apparatus sensors calibrator.

·Translating Global MTM website and brochures to Arabic.

I worked in this company as part time engineer. I left this company to finish my Ph. D. thesis at Amirkabir University.

**Tarjomic**

Feb. 2018 — Nov. 2019

*Translation*

The most comprehensive platform for providing translation and other language services in Iran. Tarjomic is based at the Sharif University's Center for Advanced Technologies.

My responsibilities:

- I was Farsi-Arabic, English-Arabic and Arabic-English Translator.

My achievements:

- Translating many websites for Several Companies inside and outside of Iran to Arabic.
- Translating articles and messages from Farsi and English to Arabic and From Arabic to English.

I worked in this Company as teleworking.

**Technical engineering Institute - Tishreen University**

Oct. 2021 — May 2023

*Teacher*

My responsibilities:

- I was teaching the soil mechanic for the first year students.
- Associated teacher in many other lessons such as Transporting engineering and AutoCAD for beginners.

**Higher Institute for Earthquake Studies and Research**

Jan. 2022 — present

*Seismic geotechnical engineering Doctor*

The Higher Institute for Earthquake Studies and Research was established in 2005. The University of Damascus, upon the proposal of the Council of The Higher Institute for Earthquake Studies and Research, gives the following certificates:

P.M. in Earthquake Engineering, P.M. in Seismic Science and Tectonic, P.M. in Disaster Risk Management.

M.S. in Earthquake Structural Engineering, M.S. in Earthquake Geotechnical Engineering, M.S. in Seismic Science, M.S. in Seismic Tectonic Science.

PhD in Earthquake Structural Engineering, PhD in Earthquake Geotechnical Engineering, PhD in Seismic Science,

PhD in Seismic Tectonic Science.

### **My responsibilities:**

- Teaching the following lessons: Geotechnical earthquake engineering and Design of earthwork and retaining structures to resist earthquakes.

### **My achievements:**

- Proofreading and reviewing many master's and doctoral theses at the Higher Institute for Earthquake Studies and Research.
- Contribution to the preparation of the future study plan of the Higher Institute.

## EDUCATION

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Civil Engineering	Sep. 2002 — Jul. 2007
<i>Damascus University - Syria</i>	
Geotechnical Engineering (MS. C.)	Sep. 2010 — Mar. 2013
<i>Amirkabir University of Technology</i>	
Geotechnical Engineering (Ph. D.)	Sep. 2013 — Oct. 2019
<i>Amirkabir University of Technology</i>	

## QUALIFICATIONS

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- Bachelor Degree in Civil Engineering - Department of Civil Engineering - Damascus University
- Master Degree in Geotechnical Engineering - Department of Civil and Environmental Engineering - AmirKabir University of Technology - Tehran
- Ph. D. in Geotechnical Engineering - Department of Civil and Environmental Engineering - AmirKabir University of Technology - Tehran

## PUBLICATION

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- K. Fakharian, A. Ahmad, (2021). "Effect of anisotropic consolidation and rubber content on dynamic parameters of granulated rubber-sand mixtures". *Journal of Soil Dynamics and Earthquake Engineering*, V. 141. doi.org/10.1016/j.soildyn.2020.106531
- Ahmad A, Fakharian K. Effect of Stress Rotation and Intermediate Stress Ratio on Monotonic Behavior of Granulated Rubber–Sand Mixtures. *J Mater Civ Eng* 2020. doi:10.1061/(ASCE)MT.1943-5533.0003054.
- Ahmad, A., Fakharian, K., (2019). "Effects of granulated rubber on dynamic parameters of granulated rubber-sand mixture". In: *Proceedings of International conference in civil and environmental technology, Najaf- Iraq, 23-24 April.*
- Ahmad, A., Fahimi-Far, A., (2013). "Numerical and Theoretical Analysis of the Effect of Shear Wave on Shallow Tunnel Considering the Interaction between the Lining and Soil". In: *Proceedings The 1st Iranian Conference on Geotechnical Engineering, Mohaghegh Ardabili University-Iran, 22-23 Oct. (Persian)*

## CERTIFICATES

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- ICDL certificate
- Upper intermediate certificate of English Language from Higher Language Institute.
- Certificate of Participation at the 2019 International Conf. on Civil and Environmental Eng. Tech. (ICCEET), University of Kufa.
- Certificate of Participation at the 1st Iranian Conf. on Geotechnical Eng., Mohaghegh Ardabili University.

## LANGUAGES

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- Arabic (Native language)
- Persian (Fluent speaker)
- English (Reading: good; writing: good; speaking: good)

## COMPUTER

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- Microsoft office programs (Excel, Word, PowerPoint)
- Internet searching
- FLAC 2D
- Plaxis
- Geostudio

## REFERENCES

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References available upon request.