

Reza Yusefzadeh

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Date of birth	08 July, 1995
Nationality	Iranian

LINKS	Researchgate , LinkedIn
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PROFILE

Hardworking and trying to learn as much as I can and eager to try new things and be creative in solving the problems. This was demonstrated when I was successfully passed my courses with high grades while organizing programs in the student council. Good at team works as a result of working in the student council and group contests and highly interested in doing researches. Working on well placement optimization as my master's thesis and taking machine learning courses made me a person of interested in developing computer codes to solve problems more efficiently and easily. Also, I am highly keen to conduct laboratory researches and utilize numerical models to investigate fluid flow phenomena in porous media.

EDUCATION

Sep 2013 – Oct 2017	Amirkabir University of Technology (Tehran Polytechnic), BSc	Tehran
Graduated with total GPA of 11 out of 12.		
Sep 2017 – Sep 2019	Amirkabir University of Technology (Tehran Polytechnic), MSc	Tehran
Current GPA 10 out of 12.		

EMPLOYMENT HISTORY

Feb 2019 – Jun 2019	Teaching Assistant, Amirkabir University of Technology	Tehran
Holding additional classes to teach the students extra material and illustrate the topics introduced in the main classes, giving assignment and quizzes at Well Testing and Analysis course.		
Sep 2015 – Dec 2015	Teaching Assistant, Amirkabir University of Technology	Tehran
Supervising and grading students' projects at Rock Mechanics course.		

INTERNSHIPS

Feb 2017 – Mar 2017	Trainee, the Iranian Offshore Oil Company (IOOC)	Lavan Island, Iran
<ul style="list-style-type: none">• Taking several field trips• Taking HSE courses• Learning the processes in the production unit• Working in the petroleum laboratories• Learning the process of well-logging		

SKILLS	Effective Team Leader	Experienced	Ability to Work in a Team	Expert
	Machine Learning	Skillful	MATLAB Programming	Experienced
	Eclipse	Experienced	Petrel	Skillful

Python Programming	Skillful	Optimization	Experienced
Mathematical Skills	Skillful	Numerical Modeling	Experienced
Ansys Fluent	Skillful	Microsoft Office	Experienced

PROJECTS AND PUBLICATIONS

Jun 2019 – Jun 2019	Conference Paper	London, UK
	Reza Yusefzadeh, Mohammad Sharifi, Yousef Rafiei, Seyyed M. Shariatipour., "A New Approach for Determining Optimum Location of Injection Wells Using an Efficient Dynamic Based Method", 81st EAGE Conference and Exhibition, London, 2019	
Jul 2019 – Jul 2019	Journal Article	
	Reza Yusefzadeh, Mohammad Sharifi, Yousef Rafiei., "New Efficient Method for Injection Well Location Optimization using Fast Marching Method", Submitted to Journal of Computers and Geoscience, Under review since 01 May 2019.	
Jan 2016 – Oct 2017	BSc Thesis	Tehran, Iran
	Investigating the Effect of Acidizing Parameters on the Conductivity of Fracture (under the supervision of Dr. Mohammad Javad Ameri)	
Mar 2015 – Mar 2015	Conference Paper	Istanbul, Turkey
	Reza Yusefzadeh, Rasool Khosravanian, Alireza Mohseni Fesegandis, Ehsan Vahabzadeh, "Sensitivity Analysis and Comparison of Safe Mud Weight Using Three Criteria in a Vertical Well", 2nd International Conference on Research in Science and Technology, Istanbul, 2015.	
Feb 2014 – Sep 2014	Lab Researcher	Tehran, Iran
	Being a effective member of a team working on the filtration characteristics of different kinds of drilling fluids and reservoir rocks.	

HONORS

Sep 2013 – Sep 2017	Top Student	Tehran, Iran
	First student at petroleum engineering department of Amirkabir University of Technology out of 45 students.	
Sep 2017 – Sep 2019	Master's Degree Entrance	Tehran, Iran
	Qualified to enroll in the master's courses without the need for regular university entrance exam which is required for any student.	
Sep 2019 – Sep 2019	National Talent	Tehran, Iran
	Named as a National Talent from Iran's National Elites Foundation.	
Mar 2019 – Mar 2019	Distinct Student	Tehran, Iran
	Named as one of the top students of the country by the Islamic Republic of Iranian Broadcasting (IRIB).	

Mar 2019 – Mar 2019	Field Development Contest	Tehran, Iran
	First place in the field development contest held by petroleum engineering department of Amirkabir University of Technology	

EXTRA-CURRICULAR ACTIVITIES

Sep 2014 – Dec 2019	Head of Student Council, Amirkabir University of Technology	Tehran, Iran
	Being the head of student council in petroleum engineering department of Amirkabir University of Technology.	
Oct 2015 – Oct 2019	Head of the 5th petroleum engineering week, Amirkabir University of Technology	Tehran, Iran
	Being the head of 5th petroleum engineering week in petroleum engineering department of Amirkabir University of Technology and holding various petroleum related courses for the students.	
Feb 2018 – Apr 2019	Reservoir simulation code, Amirkabir University of Technology	Tehran Iran,
	Developing a computer code to simulate single-phase flow in a porous medium.	

COURSES

Oct 2018 – Jan 2019	Machine Learning, Stanford University
Feb 2019 – Apr 2019	Ansys Fluent, Amirkabir University of Technology

LANGUAGES	English	Highly proficient	Azerbaijani	Native speaker
	Persian	Native speaker	Turkish	Highly proficient
	Arabic	B1		

HOBBIES	Sports like football and pool ball, hanging out, reading books, watching movies and playing guitar.
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REFERENCES	Dr. Mohammad Sharifi from Amirkabir University of Technology
	m_sharifi@aut.ac.ir
	Prof. Vahid Haddadi Asl from Amirkabir University of Technology
	haddadi@aut.ac.ir
	Dr. Yousef Rafiei from Amirkabir University of Technology
	y.rafiel.aut.ac.ir