

Ali Sufali – Résumé

Address	Institute of Petroleum Engineering (IPE), University of Tehran, Tehran, Iran	Mobile Phone	+98 (918) 488 9034
Date of Birth	2 nd September 1996	Email	ali.sufali@ut.ac.ir
Nationality	Persian	LinkedIn	ali sufali

Personal Profile

Reservoir engineer, Inventor and Programmer with more than 2 years of experience in Autonomous Inflow Control Devices (AICD) and Computational Fluid Dynamics (CFD) and 3+ years of experience in programming. Looking to use my skills and experiences in developing, building and marketing AICDs.

Education

2020-Now	PhD. in Reservoir Engineering - University of Tehran, Tehran Straight Student (Using Educational Background) <i>Average Score</i> 18.70
2018-2020	M.Sc. in Reservoir Engineering - University of Tehran, Tehran Straight Student (Using Educational Background) <i>Average Score</i> 17.92
2014-2018	B.Sc. in Reservoir Engineering - Shiraz University, Shiraz Third Position in The Class (Among 69 Students) <i>Average Score</i> 18.12

Researches and Experiences

Patent	Gas/Water Production Prevention Valve (RCP Valve) A bottom hole valve which works mechanically and prevents (or lowers) water and gas production, P.Talkab, A.Sufali, A.Ghamartale, M.Massah, H.Yavari, M.Eschrochi, M.Riazi, Patent Code: ir 139650140003007630, August 2017 Link
Project	Design and manufacture of Automated Intelligence Control Valve to decrease producing gas oil ratio Design and manufacture of an AICV to control gas flow, With the Support of Premier Idea Support Center of Shiraz University., P.Talkab, A.Sufali, A.Ghamartale, M.Massah, H.Yavari, M.Eschrochi, M.Riazi, August 2017
Paper	Natural Fracture Description using Mud-Loss Data - ... Scientific- Propagative Journal of Oil and Gas Exploration and Production, M.Ghaedi, A.Sufali, M.Massah, April 2020 Link
Paper	Exploring pH dependent delivery of 5-fluorouracil from functionalized multi-walled carbon nanotubes Journal of Colloids and Surfaces B: Biointerfaces (Impact Factor: 4.389), A.Solhjoo, Z.Sobhani, A.Sufali, Z.Rezaei, S.Khabnadideh, A.Sakhteman, September 2021 Link

Software Skills

- **Simulation Skills**

Ansys Fluent, COMSOL Multiphysics - Computational Fluid Dynamics Simulators
Schlumberger Eclipse - Reservoir Simulator
Schlumberger Pipesim and OLGA - Well Multiphase Flow Simulator

- **Programming Skills**

Python, C/C++, Fortran, MATLAB - Programming Languages
PyQt5, Qt5, Kivy, Tkinter - Graphical User Interface (GUI) Frameworks
Git - Source Version Control (SVC)
CMD and Bash Scripting - OS Scripting

- **Miscellaneous**

Microsoft Windows, Linux Ubuntu - Operating Systems
Microsoft Office, L^AT_EX - Typescripting and Office

Language Skills

- **Persian:** Native, Professional
- **English:** Professional

Interests

- **Well Flow Control Devices**
- **Computational Fluid Dynamics**
- **Reservoir Simulation**
- **Multiphase Flow in Porous Media and Well**
- **Molecular Dynamics Simulation**
- **Quantum Calculations**

Honors and Awards

- May 2018** 2nd Rank in Team Theoretical Petroleum Engineering Olympiad
Sharif University of Technology (Oilympic)
- May 2017** 6th Rank in Team Theoretical Petroleum Engineering Olympiad
Sharif University of Technology (Oilympic)