

**Contact Information:**

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**Tel:**



***BIOGRAPHICAL INFORMATION***

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*First Name:* Behnam

*Last Name:* Shahsavani

*Nationality:* Iranian

*Date of birth:* June 24, 1987

*Marital status:* Married

***EDUCATION***

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*Ph.D. Student Chemical Engineering, 2014 – 2018*

*Shiraz University, Shiraz, Iran.*

*GPA (the first three semesters): 18.51 out of 20*

*M.Sc. Petroleum Engineering (Reservoir Engineering), 2010 - 2013*

*Petroleum University of Technology, Ahwaz, Iran.*

*GPA: 16.84 out of 20*

*B.Sc. Petroleum Engineering (Production Engineering), 2005 - 2009*

*Petroleum University of Technology, Ahwaz, Iran.*

*GPA: 16.93 out of 20*

*Pre-university diploma in Mathematics & Physics, 2004 - 2005*

*Neyriz, Iran. GPA: 19.53 out of 20*

*High school diploma in Mathematics & Physics, 2001- 2004*

*Neyriz, Iran. GPA: 19.18 out of 20*

## ***THESES***

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*M.Sc. thesis: "Micellization thermodynamics modeling of asphaltene precipitation in Iranian oil field", under supervision of Dr. S. Ashoori*

*B.Sc. thesis: "The Effects of Gas Injection on Asphaltene Deposition (Case Study)", under supervision of Dr. A. Helalizadeh*

## ***PUBLICATIONS***

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Ashoori S, **Shahsavani B**, Ahmadi M A, Rezaei A. "Developing Thermodynamic Micellization Approach to Model Asphaltene Precipitation Behavior". *Journal of Dispersion Science and Technology*. LDIS-2013-0424.R1. 2013

Hassanvand M, **Shahsavani B**, Anoooshe A. "Study of temperature effect on asphaltene precipitation by visual and quantitative methods". *Journal of Petroleum Technology and Alternative Fuels*. Vol. 3(2), pp. 1-18. 2012

## ***PATENTS***

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Riazi M, Golestan M, **Shahsavani B**. " Visual Spontaneous Imbibition Cell"

## ***WORK AND ACADEMIC EXPERIENCES***

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Lecturer in "MATLAB" course at Shiraz University (Fall 2015)

Teacher Assistant in "Simulation" course- PVTi module (Spring 2014)

Teacher Assistant in "well testing" course (Fall 2012)

Teacher Assistant in "Numerical Analysis" course (Spring 2012)

Teacher Assistant in "Heat Transfer" course (Fall 2009)

Research Assistant in the Asphaltene laboratory for 2 months (Spring 2009)

Research Assistant in the laboratory on a project about Carbonated Water Flooding Effects on Oil Recovery for 3 months (Spring 2013)

I am using National Elite Foundation services to deal with a project entitled "Investigation and Modeling of Asphaltene Deposition Profile Along The Wellbore" at NISOC,

## **PROFESSIONAL SKILLS**

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*Good at operating laboratory instruments and keen to work in laboratory*  
*Strong data analysis and problem resolving ability*  
*Excellent presentation skills*  
*Learn new skills quickly*

## **SOFTWARE SKILLS**

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*Petroleum Engineering Software: CMG (WINPROP), ECLIPSE (PVTi, E100)*  
*Chemical Engineering Software: ANSYS (Fluent)*  
*Programming Software: MATLAB (Good at Programming and toolboxes. MATLAB was employed in writing codes for thermodynamic micellization model (Victorov and Firoozabadi, 1996 & Pan and Firoozabadi, 2001) in my M.Sc thesis.*  
*Experienced in using MS Office packages like: Excel, Power Point and Word.*

## **LANGUEGE PROFICIENCY**

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*Passing TOEFL test with the score of 91 out of 120, (2009)*  
*Studying all courses in English language at P.U.T for six years*  
*A term of intensive English course held by Petroleum University of Technology, fall 2005*

## **RESEARCH INTERESTS**

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*Modeling of Asphaltene precipitation*  
*Carbonated Water Injection (CWI)*  
*Fluid flow in porous media*  
*Naturally Fractured Reservoir Characterization*  
*Reservoir modeling and simulation*

## **TRAINING PERIODS**

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*Flow assurance Operating course, held by Vinci Technologies, (2015)*  
*PVT System Operating course, held by Vinci Technologies, (2015)*  
*Job training course, held at ICOFC Oil and Gas Company, (2006)*  
*Job training course, held at Research Institute of Petroleum Industry, (2007)*  
*Win Prop 2007, Held at Petroleum University of Technology, (2011)*

## ***PROFESSIONAL SOCIETIES***

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Society of Petroleum Engineer (2009-2012)

Student Scientific association at P.U.T (Education chief, 2006-2007 & 2010-2011)

## ***REFERENCES***

Dr. Masoud Riazi, Assistant Professor in Petroleum Engineering

*Department of Petroleum Engineering, Shiraz University (Professor of Advanced Enhanced Oil Recovery in Ph.D.)*

E-mail: [mriazi@shiraz.ac.ir](mailto:mriazi@shiraz.ac.ir), phone: 071-36133714

Dr. Gholamreza Karimi, Associate Professor in Chemical Engineering

*Department of Chemical Engineering, Shiraz University (Professor of the Advanced Heat Transfer 2 in Ph.D.)*

E-mail: [karimi1342@gmail.com](mailto:karimi1342@gmail.com), phone: 071-36134000

Dr. Abdolnabi Hashemi, Assistant Professor in Petroleum Engineering

*Department of Petroleum Engineering, Petroleum University of Technology.*

E-mail: [a.hashemi@put.ac.ir](mailto:a.hashemi@put.ac.ir), phone: 09124475289

Dr. Siavash Ashoori, Assistant Professor in Petroleum Engineering

*Department of Petroleum Engineering, Petroleum University of Technology (M.Sc. thesis supervisor).*

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Dr. Abbas Helalizadeh, Assistant Professor in Petroleum Engineering

*Department of Petroleum Engineering, Petroleum University of Technology (B.Sc. thesis supervisor).*

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Dr. Seyed Reza Shadizadeh, Associate Professor in petroleum engineering

*Department of Petroleum Engineering, Petroleum University of Technology (Professor of Fluid flow in porous media in M.Sc.)*

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Research Institute of Petroleum Industry. Email: [asiligh@ripi.ir](mailto:asiligh@ripi.ir)