

Resume

Payam Changaei

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EDUCATION

2021-Present M.Sc. in Mechanical Engineering / Applied Design student, **Bou Ali University**, Hamedan, Iran
Graduation date approximate 2023

2004-2009 B.Sc. in Agricultural Machinery Engineering, **Tabriz University**, Tabriz, Iran

- **GPA: 13.08** out of **20** (percentile: **65%**)

2002-2003 Pre-university diploma in Mathematics & Physics, High School of Shahid Beheshti (**SAMPAD**), Khoramabad, Iran

- **GPA: 17.32** out of **20** (percentile: **86.6%**)

1999-2002 High School diploma in Mathematics & Physics, High School of Shahid Beheshti (**SAMPAD**), Khoramabad, Iran

- **GPA: 17.12** out of **20** (percentile **85.6%**)

WORK HISTORY

- Asmary field services co, operation Department, "2 **PDC BIT** running operation" 2014, Ahwaz, Iran in maroon field. (Successful)
- ExxonDena Industrial Development co, More than 10 open hole and cased hole **Whipstock** operation.
- Exxondena Industrial Development co, Engineering Department, Design Unit, Planning Manager January 2015
- ExxonDena Industrial Development co, Attended the first drilling Bits localization team as production engineer.

- ExxonDena Industrial Development co, Attended the first Positive Sealing Plug (**PSP**) localization team as production engineer
- ExxonDena Industrial Development co, Attended
- Participated in the localization team of more than 10 products of Wireline services as a production engineer

PROFESSIONAL SOCIETIES

- Society of Petroleum Engineering (SPE), from 2014 until now.
- Agricultural & Natural Resources Engineering Organization from 2011

COMPUTER SKILLS

- Good at **Microsoft** office package
- Good at **SolidWorks** Software
- Good at **Abaqus** Software
- Good at **Matlab**
- Good at **Net**

JOB TRAINING

- ExxonDena Training course for Driller
- ExxonDena Training for whipstock, Bit & Bridge Plug
- ExxonDena Training For Design Drilling Tools

Thesis and Research

- M.Sc Thesis: “An Experimental Investigations on Ultrasonic-Assisted Magnetic Abrasive Finishing with Different Vibration Modes” Under supervision of Dr. A.Pak, 2023, Bu Ali University, Hamedan, Iran
- B.Sc. Thesis: “Human Factors and Ergonomics (HF&E) in Tractors” Under supervision of Dr. Mahmoudi, 2008, Tabriz University, Tabriz, Iran
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LANGUAGE PROFICIENCY

- Fluent in **Farsi** as mother tongue
- Familiar with **English**

RESEARCH INTEREST

- Magnetic Abrasive Finishing

- Drilling Tools Design
- Drilling optimization
- Bit design
- Fishing operations
- Casing design