Mohammad Hossein Mohammadi

CONTACT

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EDUCATION

Bachelor of Science :
Persian Gulf University (PGU)
Bandar Bushehr , Bushehr Province , Iran

- Mechanical Engineering , 2016- 2020
- GPA (3.52/4)
- Graduated as top student in mechanical engineering major
- Member of Scientific Society of Mechanical Engineering at PGU

Master of Science:
Bu Ali Sina University (BASU)
Hamedan, Hamedan Province , Iran

- Mechanical engineering (control and vibrations field), 2020- expected

LANGUAGES

- Native in Persian
- Native in Turkish
- Intermediate in English

SKILLS

Computer and software

- Matlab
- Ansys Fluent
- Solidworks
- Fortran
- Gambit
- Adams
- WaterCad
- Tecplot360
- Working Model
- Editing software as Office and Excel , ...

EXPERIENCE

- Passed the Welding course (2016)
- Passed the auto mechanic course (2017)
- Passed the Machine tool course (2018)
- Worked as alloys recognizer (2012- expected)
- Worked as a trainee at Fajr-e-Jam Gas Refinery Co. (2018)
- Worked as a project manager and designer of hull cleaning robot (2019-2020)
- worked as a producer of educational content (2020)
- Worked as a member of the "Lightweight Steel" Design Group in "Shahid Ahmadi Roshan Elite Foundation" (2020-2021)

TEACHER ASSISTANT

• Calculus 1	2017
• Calculus 2	2017,2018
• Statics	2018
• Mechanics of materials	2018
• CFD	2019

STUDENT PROJECTS

FDM and FVM :

- Two-dimensional steady and transient conduction, PGU , 2018
- One-dimensional wave equations in general forms, PGU , 2018

Developing software :

- Beam Analysis in general form Software in MATLAB, PGU , 2017

Design :

- Designed a Diagonal gear by Solidworks as the class project, PGU , 2017

Simulation :

- Flow simulation around a turbine and fin in Ansys fluent , PGU ,2018
- Nanofluid flow simulation around ellipses with different aspect ratio and attack angles,PGU,2019-2020