PERSONAL INFORMATION

S.Mohammad Ali Mortazavi

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Sex Male | Nationality Iranian

EDUCATION

2014	**M.Sc. In Mechanical Engineering**, *Sharif University of Technology,* Tehran, Tehran, Iran (Energy Conversion)
2010-2014	**B.Sc. In Mechanical Engineering**, *Sharif University of Technology,* Tehran, Tehran, Iran
GPA	**17.71 / 20**
2006 – 2010	**High School Diploma – Physics and Mathematics**, *Mirzakoochak High School, NODET(National Organization for Development of Exceptional Talents),* Rasht, Iran

Fluid Dynamic

Heat Transfer

Computational Fluid Dynamics (CFD)

Biofluidics

Biomechanics

Microfluidic Platforms

Efficient Mixing of Samples

HONORS

2010 – present   Fellowship at National Elite Foundation
http://bmn.ir

2014   credited for Master of Science in Mechanical Engineering (Merit - Based Acceptance)
, *Sharif University of Technology*

May 2014   Ranked 37st in the Nationwide Mechanical Engineering Entrance Examination for Master of Science (among more than 40000 ME Engineers)

July 2010   Ranked 41st in the Nationwide Mathematics and Physics University Entrance Examination (Konkoor) (among more than 350,000 contestants)

2006   Admitted to the NODET High school (*National Organization for Development of Exceptional Talents*)
http://en.wikipedia.org/wiki/Nodet

SELECTED COURSES

2012   **Thermodynamics I**: By Prof. A. Moosavi
19.5/20.0

2013   **Thermodynamics II**: By Prof. A. Moosavi
19.7/20.0

2013   **Heat Transfer I**: By Prof. H. Afshin
18.9/20.0

2012   **Fluid Mechanics I**: By Prof. B. Firoozabadi
17.4/20.0

2012   **Machine Elements Design |:** By Prof.S.Sohrabpoor
18.5/20

2013   **Fluid Mechanics II**: By Prof. B. Firoozabadi
17.7/20.0

2013   **Heat Transfer || :**By Prof B.Farhanie
18.2/20

2013   **Interfacial Fluid Mechanics**: By Prof. A. Moosavi
19.4/20

2014   **B.S. Thesis** : Under Supervision of Prof.M.S.Saeedi
20/20

B.S.Thesis Title:

" Numerical & Theoretical Investigation of Batch-mode Mixing in Centrifugal Platforms (Lab-on-a-CD) "

PERSONAL SKILLS

Programming	C, C++, MATLAB
Analysis	SolidWorks, ANSYS, ANSYS-Fluent, Tecplot, Comsol
Modeling	SolidWorks, AutoCAD, ICEM CFD, Gambit
Technical	Fabrication and Assembly
Other	Microsoft Office (Word, PowerPoint, Excel, Visio), Adobe Products (Photoshop, Acrobat, After Effects)

WORK EXPERIENCE

June 2012

Internship in Caspian Tamin (http://www.caspiantamin.com/)

(working on air conditioning equipment, including : Cooling Towers, Absorption Chillers, Maintenance, etc)

July 2013 - Present

Member of Lab-on-a-CD research group

Practiced skills: Numerical Modeling, Experimentation, Image Processing,etc.

(Under Supervision of Prof.M.S.Saeedi)

July 2012 - Present

Private tutoring of all of Mechanical Engineering courses,

 Teacher Assistant in Sharif University of Technology