

Mohammad Hosein Masouminia  
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Birthday: 1987      Nationality: IRAN



## Education

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2013-2015 M.Sc. Student in **EASTERN MEDITERRANIAN UNIVERSITY**  
Famagusta, NORTH CYPRUS (via Mersin 10, TURKEY)  
CGPA: 3.86/4

- Major: Civil Engineering – Hydraulic
- Thesis: “The Simulation of the Effect of Rigid Bank Vegetation on the Main Channel Flow.” Supervisor: Assoc. Prof. Dr. Umut Türker

2005-2009 B.Sc. Degree in **RAZI UNIVERSITY**      Kermanshah, IRAN  
CGPA: 15.54/20 = 3.11/4

- Major: Agricultural Engineering – Water Engineering
- Project: “Programming software for designing the diversion dams with the USBR method.” Under supervision by: Assoc. Prof. Dr. R. Ghobadian.

## Publication

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- “Flow characteristics in 180 degree divergent bend”  
M. H. Masouminia, U. Turker, S. Fasihi  
ACE 2014 11th international congress on advances in civil engineering, Istanbul, Turkey. 211

## Professional Experiences

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2009-2010 **GAMASYAB CONSULTANT ENGINEERS**      Kermanshah, IRAN  
Title: Hydraulic Expert

- Gardens water supply preparation project of Paveh City in Kermanshah Province.
- Correcting the Irrigation and Drainage Systems maps.

2008-2009 **SADRABSAZEH Co. & ABYARTASTIH Co.**      Kermanshah, IRAN  
Title: Pressured Piping Designer

- Designing under pressure irrigation systems for more than 1000 (ha) of Kermanshah province farms.

## Programming Projects:

- Programing the management software for greenhouses to monitoring the environmental parameters such as Temperature, CO2 for BANI PISHRO Electronics Co.      Kermanshah, IRAN

### **Teaching Assistance Experience (2005-2009):**

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- Teaching Surveying (Practical unit), 2 semesters.
- Teaching Smada & Arcview & Land Desktop software, 1 semester.
- Teaching Visual Basic Programing, 1 semester.
- Undertaking department's hydraulic lab, 1 semesters.
- Undertaking department's computer lab, 3 semesters.

### **Skills and Activities:**

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- Simulation of flow field by ANSYS and SSIIM
- Design the pressured irrigation networks based in land desktop development software.
- Knowledge of computer's software, hardware and programing.

### **Computer Knowledge:**

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- Microsoft Office (Word, Excel, Access, Project, ...)
- SSIIM, ANSYS (CFX, FLUENT, ICEM)
- Pascal, VB, VBA(AutoCAD, Office), Delphi, Visual Studio (.Net), C/CPP, SQL, Web Application
- AutoCAD (2D And 3D), Land Desktop
- SMADA, ArcView, ArcGIS, HechMS
- EPANet, Hammer, WaterCAD, WaterGems, Plaxis