IN THE NAME OF GOD

Seied Reza Mousavi Ourimi

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Personal Information
Adress: 34th Andisheh Street,Motahhari Mahalle Avenue,
Ghaemshahr,Mazandaran,Iran,Postal code:47619-98315
Cellphone: (+98)-911-1265704
Tel: (+98)-123-2228690
MAILs: rezamousavi@ut.ac.ir , reza.mousavi9292@gmail.com
Date of birth: August 14th,1988

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EDUCATION:

2011–Present **Candidate for Master of Science Degree in Electrical Engineering,** University of Tehran, Tehran, Iran.

2006–2011 **Bachelor of Science Degree in Electrical Engineering,** Isfahan University of Technology, Isfahan, Iran.

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FIELDS OF INTEREST:

Electrical Engineering

- Electric & Hybrid Electric Vehicles
- Ultracapacitor Utilization in Hybrid Electric Vehicles
- Power System Analysis
- Power Electronics
- Implementation of DSP systems
- Electric Machine Design

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HONORS AND AWARDS:

2004 Finalist of National Physics Olympiad (Top 50), Tehran, Iran

2004 Semifinalist of National Mathematics Olympiad (Top 800), Tehran, Iran

2006 Ranked 504 in National University Entrance Exam among more than 400000 participants,

Tehran, Iran

2011 Ranked 40 in National Graduate University Entrance Exam among more than 30000 participants (Electrical Engineering).

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PROFESSIONAL EXPERIENCES:

Isfahan University of Technology

2010 Economic Utilization of Power Systems (B.Sc. Thesis)
Teacher: Dr. Yousefi

Tanesh Corporation

2010 Apprentice in Relay and Protection Section
Supervisor: Dr. Ebrahimi

University of Tehran

2011-present Investigation and Comparison of Control Strategies of Ultracapacitors Utilization in Hybrid Fuel Cell Vehicles and Optimum Determination of the Number of Ultracapacitors (M.Sc. Thesis)

Teacher: Dr. Asaei

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ACCOMPLISHED PROJECTS:

- Design and simulation of Interior Permanent Magnet Synchronous Motor control system [MATLAB]
  (Advanced Motion Control Systems)

- Design and Simulation of PWM Voltage-Fed Inverter [MATLAB]
  (Power Electronics)

- Design and Simulation of Vector Control System for Voltage Fed Inverter [MATLAB]
  (Power Electronics II)

- Design and Simulation of Parallel Hybrid Electric Minibus [ADVISOR]
  (Hybrid Electric Vehicles)

- Design and Simulation of Hybrid Electric Train [MATLAB]
  (Hybrid Electric Vehicles)

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SKILS:

Computer Skills

- *Programming Languages:* MATLAB
- *Applications: Microsoft Office*
- *Electrical Engineering:* PSPICE, Proteus, MATLAB, ADVISOR

Language Skills

- English (Fluent)