Mohammad Hossein zadeh

Master student at University of Bologna

Date of Birth: Mar. 27, 1993

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Interests

- Radio Propagation
- Propagation Channel Modeling
- Internet of Things and Applications
- Machine Learning

Skills

|	
Matlab	● ● ● ● ○
Python	● ● ● ● ○
Latex	● ● ● ● ○
Ray Tracing	● ● ● ○ ○
SQL	● ● ○ ○ ○

Life Skills

Good Management skills
Quick Learning Capability
Programming Ability

Languages

Persian (Mother Tongue)

English:GRE:Q170-V151-W3

Italian (Basic)

Profiles

Experiences

2016 – 2018	**Teaching Experiences**	**Private Tutor**
	Two years private tutor for 'Linear Control' and 'Logic Circuits'	
2017	**Work Experience**	**Novin Machine**
	Worked as electrical technician	
2015	**Teaching Experience**	**Nooshirvani Institute of Tech.**
	One Year experience as teacher, tutorial and grader assistant for 'Electrical Circuits II' presented by Dr. E. Abdollahi	
2015	**Internship**	**Amirkabir Univ. of Tech.**
	Analysis and Simulation of Tele-operative Surgical Robotic Arm under supervision of prof. H.A.Talebi	

Education

2019 - Now **M.Sc. in Telecommunications Engineering** **University of Bologna, It**
Grade: 28.2/30 or 104/110 (without thesis)
Title:Investigation of Physical Layer Security in Rician Channels.
Supervisor: Prof. Franco Fuschini

2016 – 2018 **Researcher at Computational Intelligence Lab** **Tehran Polytechnic, Ir**
Title:Emotional States Recognition Based on Brain and Peripheral Signals Using Multi Class Optimized FSVM Classifier.

2011 – 2016 **B.Sc. in Electrical Engineering (Control Systems)** **Tehran Polytechnic, Ir**
Project Title:Simulation and Analysis of Autonomous Stair Climbing for Tracked Vehicle.

Publications

2019 **Emotional States Recognition Based on Brain and Peripheral Signals Using Multi Class Optimized FSVM Classifier**
Accepted in 5th International Conference on Electrical engineering and Mechatronic, Khaje Nasir University of Technology

2018 **Optimal Energy Management for PV-Integrated Residential Systems Including Energy storage**
Accepted in IET Renewable Power Generation

Honours and Awards

2019	**Awarded M.Sc. Scholarships**	University of Bologna
	Unibo Action2 Scholarship based on GRE exam	
2012-2013	**National Elite Foundation**	Amirkabir Univ. of Tech.
	Member of National Elite Foundation	
2011	**B.Sc matriculation**	Iran
	Ranked within top 0.1 percentage(211-th) among more than 300,000 participants in the Nationwide University Entrance Exam (Matriculation) for B.Sc. program in Engineering	

Projects

2020	Work with LoRaWAN simulator to design sensors for Bin Monitoring	M.Sc.
2020	Work with CST to design a patch antenna	M.Sc.
2020	Work with Matlab to design Kalman and Wiener Filters	M.Sc.