









Mohammad Hossein zadeh

Ph.D. Student at
University of Bologna

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Interests

-  Radio Propagation
-  Wireless Channel Modeling
-  Communication and sensing
-  Machine Learning

Skills

Python	● ● ● ● ●
Matlab	● ● ● ● ●
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

2022 – Now	Teaching Experiences	University of Bologna
	tutor didactic for "Electromagnetic: Propagation in wireless system" course	
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 a 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 the supervision of prof. H.A.Talebi	
2012-2014	Teaching Experience	Ghalamchi
	Two years of experience as a supporter and Mathematics teacher for the entrance exam to B.Sc.	

Education

2022-Now	Ph.D. in Telecommunications Engineering	University of Bologna, It
	Title:Assessment of Channel Modelling by Machine Learning	
2019 - 2022	M.Sc. in Telecommunications Engineering	University of Bologna, It
	Grade: 110L/110	
	Title: 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

2022	Awarded Ph.D. Scholarships	University of Bologna
	Monthly payment for Ph.D. studies at unibo	
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	