

Alireza Gorjian

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Summary

I'm an MSc student of electrical engineering in power systems at Bu-Ali Sina University of Hamedan (BASU). My research interests are inverter-interfaced distributed generation units (IIDGs), Microgrids (MGs), and their control systems. Also, I'm into electric vehicles and batteries. Currently, I'm working on applying intelligent-based control systems to MGs.

Experience



Engineering Internship

Microwave Center of the Telecommunication Company

Jun 2019 - Aug 2019 (3 months)

Repair and Maintenance of the Microwave Equipments.



Teaching Assistant

Hamedan University of Technology

Feb 2017 - Jun 2017 (5 months)

Telecommunications Principles & Systems.

Education



Bu-Ali Sina University

Master of Science - MS, Electrical, Power Systems Engineering

2020 - Dec 2022



Hamedan University of Technology

Bachelor's degree, Electrical Engineering

Sep 2016 - Aug 2020

Thesis title: "Speech Enhancement Using Restricted Boltzmann Machine (RBM)".

Licenses & Certifications



10 reasons to get an ORCID iD - Elsevier



How to peer review a review article - Elsevier



How to produce highly visible research: Useful tips for researchers - Elsevier



Why write a book? - Elsevier



Plagiarism: Decision making & dealing with grey-zones across academic Fields - Elsevier



How to prepare a proposal for a review article - Elsevier



How to leverage open hardware to improve your research - Elsevier



How to respond to reviewers' comments - Elsevier



Make your data reusable - Improving Data Publishing Practices in Research - Elsevier



How to design effective figures for review articles - Elsevier



A guide to journal citation metrics - Elsevier



Guide to reference managers: How to effectively manage your references - Elsevier



How to build empathy in research - Elsevier

Skills

Simulink • Microgrid (MG) • Inverter interfaced distributed generation (IIDG) • Deep Reinforcement Learning (DRL) • Power Systems • MATLAB • Research • Microsoft Visual Studio Code • Python (Programming Language) • Machine Learning