Ashkan Moradi

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- https://www.linkedin.com/in/ashkanmradi

Education

Jan 2025 – Present	Ph.D. student in Computer Science, Institut national de la recherche sci- entifique (INRS), Montreal, Canada. Thesis title: Securing the metaverse.
Sep 2018 – Feb 2022	 M.Sc. Artificial Intelligence, Shahid Beheshti University, Tehran, Iran. Thesis title: Performance Improvement of Spoken Language Identification System via Fusion of the Acoustic and Phonetic Information based on learning methods, (Grade: A+). GPA: 16.23 out of 20.
Sep 2013 – Jan 2018	 B.Sc. Software Engineering, Sadjad University of Technology, Mashhad, Iran. Thesis title: Designing and Implementing a Website about Machine Learning, (Grade: A+). GPA: 16.18 out of 20.

Publications

Alipour Esgandani, S., Shekofteh, Y., & **Moradi**, A. (2024). Apedm: A new voice casting system using acoustic–phonetic encoder-decoder mapping. *Multimedia Tools and Applications*, 1–25.

Moradi, A., & Shekofteh, Y. (2023). Spoken language identification using a genetic-based fusion approach to combine acoustic and universal phonetic results. *Computers and Electrical Engineering*, *105*, 108549.

3

2

Moradi, A., Shekofteh, Y., & Zarei, S. (2021). A genetic-based fusion approach of persian and universal phonetic results for spoken language identification. In *2021 11th international conference on computer engineering and knowledge (iccke)* (pp. 175–181). IEEE.

Work Experience

Teaching Assistant

2020	Digital Speech Processing, Shahid Beheshti University, Tehran, Iran.
	Open Banking, Tarbiat Modares University, Tehran, Iran.
2017	Artificial Intelligence, Sadjad University of Technology, Mashhad, Iran.
	Algorithms Design and Analysis, Sadjad University of Technology, Mashhad, Iran.
	Data Structures, Sadjad University of Technology, Mashhad, Iran.
2016 – 2017	Operating Systems, Sadjad University of Technology, Mashhad, Iran.
	Advanced Programming, Sadjad University of Technology, Mashhad, Iran.
2015	Introduction to Programming, Sadjad University of Technology, Mashhad, Iran.

Work Experience (continued)

Professional Experience				
Nov 2023 – Nov 2024		Tajan System, .NET Developer, Tehran, Iran.		
Jan 2022 – Sep 2023		Techofen R&D Manager, Tehran, Iran.		
Mar 2020 – Oct 2023		Techofen, .NET Developer, Tehran, Iran.		
Nov 2018 – Mar 2020		Saman Insurance Co., .NET Developer, Tehran, Iran.		

Projects and Research



Certifications and Training

2022

2018

- 2023 **Custom and Distributed Training with TensorFlow**, by Coursera.
 - **Custom Models, Layers, and Loss Functions with TensorFlow**, by Coursera.
 - **DeepLearning.AI TensorFlow Developer Specialization**, by Coursera.
 - **Sequences, Time Series and Prediction**, by Coursera.
 - **Natural Language Processing in TensorFlow**, by Coursera.
 - Machine Learning Specialization, by Coursera.
 - Machine Learning: Clustering & Retrieval, by Coursera.
 - **Convolutional Neural Networks in TensorFlow**, by Coursera.
 - Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning, by Coursera.
 - **Python for Deep Learning: Build Neural Networks in Python**, by Udemy.
 - **Machine Learning: Classification**, by Coursera.
 - **Machine Learning From Basic to Advanced**, by Udemy.
 - **NLP Course for Beginner**, by Udemy.
 - Machine Learning: Regression, by Coursera.
 - **Applied Machine Learning in Python**, by Coursera.
 - Machine Learning Foundations: A Case Study Approach, by Coursera.
 - Applied Plotting, Charting & Data Representation in Python, by Coursera.
 - **Introduction to Data Science in Python**, by Coursera.

Miscellaneous

- 2019 **Best data mining project of the year award winner** at the university.
- 2016 ACM/ICPC 2016 Technical Committee, by Sadjad University of Technology, Mashhad, Iran.
- 2015 ACM/ICPC 2015 Excecutive Committee, by Sadjad University of Technology, Mashhad, Iran.