CURRICULUM VITAE

1. **Name and Surname** **:** Masoud Moradi
2. **Date of Birth** **: 19.09.1985**
3. **Title** **: Dr**
4. **Education** **: PhD**

Degree	**Department/Program**	**Institution**	**Year**
Bachelor's Degree	Electrical & Electronic Engineering	Azad University Iran	2009
Master's Degree	Electrical & Electronic Engineering	Eastern Mediterranean University	2017
Doctorate	Electrical & Electronic Engineering	Eastern Mediterranean University	2024

Title of the Master Thesis and Thesis Supervisor(s):

Detection of Alzheimer's Disease using 3D MRI Based on Key Slices Selected Supervisor: Prof. Hasan Demirel

Title of The PhD Thesis/Qualification in Art and Thesis Supervisor(s):

Data Augmentation by using Generative Adversarial Network for Alzheimer's Disease Classification using Convolution Neural Networks Supervisor: Prof. Hasan Demirel

5. Academic Titles:

Date of Assist. Prof. Dr. :
Date of Assoc. Prof. Dr. :
Date of Prof. Dr. :

6. Thesis Administered

6.1 Master's Theses:

6.2 PhD. Theses:

7. Publications:

7.1. Articles in Refereed International Journals (SCI, SSCI, Arts and Humanities, SCI-E, ESCI)

1. Moradi, M., & Demirel, H. (2024). Alzheimer's disease classification using 3D conditional progressive GAN-and LDA-based data selection. *Signal, Image and Video Processing*, *18*(2), 1847-1861.

1. Bolourchi, P., Gholami, M., Moradi, M., Beheshti, I., & Demirel, H. (2023). MCI Conversion Prediction Using 3D Zernike Moments and the Improved Dynamic Particle Swarm Optimization Algorithm. Applied Sciences, 13(7), 4489.

2. Bolourchi, P., Moradi, M., Demirel, H., & Uysal, S. (2020). Ensembles of classifiers for improved SAR image recognition using pseudo-Zernike moments. The Journal of Defense Modeling and Simulation, 17(2), 205-211.
3. Bolourchi, P., Moradi, M., Demirel, H., & Uysal, S. (2020). Improved SAR target recognition by selecting moment methods based on Fisher score. Signal, Image and Video Processing, 14(1), 39-47
4. Yeganli, S. F., Demirel, H., Yu, R., & Moradi, M. (2019). Restoration of hyperspectral images using iterative regularization based on higher order singular value decomposition. Journal of Electronic Imaging, 28(5), 053016

7.2. Articles Published in Other Refereed Journals

7.3. Reports Presented at the Scientific Meetings and Published in the Proceedings

1. Masoud Moradi, Hasan Demirel, and Pouya Bolourchi, "Alzheimer's Disease Detection by Utilizing Key Slice Selection in 3D MRI Images", *UKSim-AMSS 20th International Conference on Modelling and Simulation*, 2018.
2. Pouya Bolourchi, Masoud Moradi, Hasan Demirel, and Sener Uysal, "Feature Fusion for Classification Enhancement of Ground Vehicle SAR Images", *UKSim-AMSS 19th International Conference on Modelling and Simulation*, 2017.
3. Pouya Bolourchi, Masoud Moradi, Hasan Demirel, and Sener Uysal, "Random Forest Feature Selection for SAR-ATR", *UKSim-AMSS 20th International Conference on Modelling and Simulation*, 2018.

7.4. Written international books and book chapters

7.5. Articles Published in Refereed National Journal

7.6. Reports Presented at National Scientific Meetings and Published in the Proceedings

7.7. Art and Design Activities

7.8 Other Publications

8. Scientific Projects

9. Aministrative Roles

Title	Institution	Year

10. Memberships in Scientific and Professional Organizations

11. Awards

12. Please fill in the table below for the courses you have given at the undergraduate and graduate level courses in last two years.

Academic Year	Semester	Course Name	Weekly Hour		Number of Students
			Theoretical	Practice	
2022-2023	**Fall**	Introduction to programming	3	2	35
	Spring	Introduction to programming	3	2	35
2023-2024	**Falls**	Introduction to Programming	3	2	28
		Data Structure and Algorithm	3	2	21
		Information Technology	3	-	32
	Spring	Data Mining	3	-	8
		Game Coding 1	2	2	4
		Artificial Intelligence	3	-	25
		Interface with Game Engine	1	4	6
		Data Base System	2	2	8
		Web Design	2	2	14
		Computer Network	2	2	8

Note: If opened, lectures given in the summer term will also be added to the table.