AMIR REZA NADERI YAGHOUTI

Marie Curie Fellow | PhD Researcher in Visual Neuroscience

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Germany | Naderi_BME | AmirnaderiY | AmirnaderiY

EDUCATION

PhD in Visual Neuroscience
Otto-von-Guericke-University Magdeburg & UMC Groningen
2024 June – Now | Magdeburg, DE & Groningen, NL

Master's Degree in Biomedical Engineering
Islamic Azad University, Science and Research Branch
2018 Sep – 2021 Oct | Tehran, IRAN

- **CGPA** : 18.43/20 (3.77/4)

Bachelor's Degree in Biomedical Engineering
Islamic Azad University, Science and Research Branch
2014 Sep – 2018 Jul | Tehran, IRAN

- Last Year **GPA** : 18.09/20

RESEARCH EXPERIENCES

Glaucomatous retinal changes beyond the optic disc uncovered by deep-learning applied to fundus images after targeted ablation of specific anatomical structures and regions
PhD Project
University Medical Center Groningen, the Netherlands

Deep learning segmentation of MRI anatomical images quantifies optic chiasm degeneration in glaucoma
PhD Project
Otto-von-Guericke-University Magdeburg, Germany

Transfer Learning with Deep Convolutional Neural Network for Classification of Liver Steatosis: A Comparison of Radiomics Features and Convolutional Features.
Master's thesis
Islamic Azad University, Science and Research Branch, Iran

Automated Breast Lesion Segmentation and Classification in Ultrasound Imaging via Texture Analysis
Bachelor's thesis
Islamic Azad University, Science and Research Branch, Iran

MOST PROUD OF

Master's Thesis Success: Receiving the Highest Possible Grade

Master's Success: Top Student with Highest Grades in Most Courses

CONFERENCES

Poster Presentation
ECVP
2025 | Mainz - Germany

Oral Presentation
CLINICCAI
2026 | Strasbourg - France

Poster Presentation
EVER
2026 | Florence - Italy

PROFESSIONAL SKILLS

Python
Matlab
R

OTHER SKILLS

Microsoft Office
LaTex
Rapid Miner
SPSS
Minitab

PUBLICATIONS

Journal Article

Automatic classification of non-alcoholic fatty liver using texture features from ultrasound images

Tehran University Medical Journal

2021

Journal Article

Classification of nonalcoholic fatty liver grades using pre-trained convolutional neural networks and a random forest classifier on B-mode ultrasound images

Journal of Biomedical Physics and Engineering

2024

Journal Article

Discrimination of benign and malignant ovarian tumors from routine laboratory biomarkers using a tabular foundation model

Scientific Reports

It has been under review

Journal Article

Machine Learning Approaches for Early Detection of Non-Alcoholic Steatohepatitis: A Study Based on Clinical Data and Blood Parameters

Scientific Reports

2024

Journal Article

Artificial intelligence for ovarian cancer detection with medical images: A review of the last decade (2013–2023)

Archives of Computational Methods in Engineering

2025

LANGUAGES

English ●●●●●

Farsi ●●●●●

German ●◐○○○

REFERENCES

Prof. Michael B. Hoffmann

@ Otto-von-Guericke-University

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http://www.med.ovgu.de/augenklinik/vpl/

Prof. Nomdo Jansonius

@ University Medical Center Groningen

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https://www.nomdo.nl

Dr. Ahmad Shalbaf

@ Shahid Beheshti University

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Dr. Khaldoon O. Al-Nosairy

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INTERESTS