BAMDAD KIANMEHR

EDUCATION AND TRAINING

2019 – CURRENT Rome, Italy
MASTER OF SCIENCE Sapienza University of Rome

Address Piazzale Aldo Moro, 00185, Rome, Italy ｜ **Website** https://www.uniroma1.it/ ｜

Field of study Artificial Intelligence and Robotics

01/2014 – 08/2018 Iran
BACHELOR OF SCIENCE Azad University of Najafabad

Website https://iaun.ac.ir/ ｜ **Field of study** Robitics Engineering ｜

Thesis Design and Construction of Height-Adjustable Conveyor for Transfer of Laboratory Pallets

WORK EXPERIENCE

08/2024 – CURRENT Rome, Italy
DATA ENGINEER SAPIENZA UNIVERSITY OF ROME

- Designing and implementing data pipelines to automate data ingestion and transformation
- Collaborate with researchers, doctors, and engineers to improve data management workflows
- Support the integration of AI tools and machine learning models with structured medical datasets.
- Troubleshoot data-related issues, including format inconsistencies and missing information.
- Apply ETL (Extract, Transform, Load) processes for handling research data.

02/2024 – 07/2024
DATA ANALYST

- Analyse, clean, and prepare the patient's clinical and demographics data
- Creating pipelines for MRI image auto/manual QC, MRI image analysis
- Present the analytics result to the team

09/2023 – 01/2024 Rome, Italy
DATA ANALYST INTERNSHIP SAPEINZA UNIVERSITY OF ROME

- Understanding the DICOM image format and DICOM headers
- Understanding of the Nifiti and BIDS image formats
- Getting to know about XNAT, data types, plugins, and MRI image analysis with XNAT

05/2017 – 06/2018
MECHATRONIC ENGINEER SELF EMPLOYED

I collaborated with other engineers on the development of a brand-new smart machine called "Automatic management and distribution of Liquid Methadone for Patients," which resulted in the filing of a patent.

DIGITAL SKILLS

Administration of XNAT platform ｜ Programming language Python ｜ Python (matplotlib, pandas, numpy, etc) ｜ Data analysis & Data Management ｜ Design and implementation of ETL pipelines ｜ Machine Learning ｜ Data Visualization ｜ Data Classification ｜ computer vision ｜ AI platform: Pytorch, Tensorflow etc.

LANGUAGE SKILLS

Mother tongue(s): **PERSIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ITALIAN	B1	B1	B1	B1	B1
GERMAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

2019
Awarded by The Rector of the Azad University of Najafabad for an Invention – Azad University of Najafabad

CREATIVE WORKS

Automatic management and distribution of Liquid Methadone for Patients

Registered patent with the patent number: IR 99938 issued in 23/7/2018

Link https://www.youtube.com/watch?v=ynvJpiNXJ9U