

Sara Ansari

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Profile

I am an active forward-thinking engineer who recently graduated in the field of Artificial Intelligence. Given my previous experience in this field of work, I have acquired new analytical and problem-solving skills that will significantly enhance my ability to engage in more specialized analysis and development of models.

I am a dedicated and organised person who takes her responsibilities with utmost attention and seriousness. Suffice to say that I approach each problem with an analytical detail to deliver the desired result.

I am actively seeking an opportunity to further develop my skills and knowledge in a practical setting of Artificial intelligence. I will have no problems in joining the company whose objectives are close to my training and knowledge to benefit us both.

Aptitude and Proficiency

- Proficient in using Python for numerical/statistical programming.
- Knowledge of data preprocessing, cleaning data, merging datasets, and model deployment techniques.
- Develop and Implement machine learning algorithms as predictive models.
- Proficient in both regression and non-regression analysis techniques for comprehensive data analysis.
- Experience in deep Learning, generative models, and computer vision techniques using Pytorch.
- Strong problem-solving skills with a proactive and creative approach to challenges.
- Getting to know and being up to date with the latest developments in machine learning and artificial intelligence.
- Process and apply mathematical and statistical analysis.
- Perform data analysis and visualization to extract insights from large data sets.
- Evaluating and improving the performance of existing machine learning and deep learning models.

Programming languages

- Python
- R
- SQL

Framework and libraries

- Pytorch (Torch)
- Scikit-Learn
- Pandas
- NumPy
- Matplotlib
- Excel

Employment record

From: September 2019 – September 2021 

Company/Organization: Omran Farayand Fars / Iran

Role: Machine Learning Engineer / Data Analysis

Key Responsibilities:

- Collaborating with the team on numerical and statistical programming using, NumPy, Pandas, Scikit-learn.
- Cleaning data, defining the model for classification and clustering.
- Conducting unit testing and analysis to ensure robust and reliable ML integrations,

ensuring that the models produce accurate results.

- Visualize and report final and specific output.

From: September 2015 – September 2019 

Company/Organization: Fars Education organization.

Role: Education Development Manager.

Key Responsibilities:

- Team management and strategic planning.
- Collecting and analysing data for strategically ranking staff and optimizing team allocation.
- Continuous, monthly, and annual evaluation of the collection performance. Analysing and reporting results for promoting consistent improvement.
- Oversaw the administration of national exams for students in the region, ensuring an efficient process.

From: September 2009 – September 2015 

Company/Organization: Schools (Subset of Fars Education Organization)

Role: Math teacher.

Key Responsibilities:

- Delivered comprehensive mathematics instruction to students aged 15 to 18, fostering an engaging learning environment.
- Consistently assessment of student progress, adjusting teaching methods as needed for enhanced learning outcomes.
- Leveraged educational software and innovative teaching techniques to enhance easy learning of complex concepts.

Qualification & Training

M.Sc. in Artificial Intelligence with Business Strategy

Aston University, Birmingham, United Kingdom 2022-2023

B.Sc. in Industrial Engineering- System Management and Productivity

Payame Noor University, Shiraz, Fars, Iran 2009-2013

A.Sc. in Mathematics

Shahid Bahonar University, Shiraz, Fars, Iran 2006-2008

Iran Technical & Vocational Training Organization

Microsoft Office Software

Microsoft Project Software

Engineering Excel

Entrepreneurship and Business Planning

NVIDIA DLI Certificate: Getting Started with AI on Jetson Nano

Additional Information

- Keen interest in learning new things
- Enjoy listening music and play Daf. Past membership in basketball and table tennis teams.

References Available Upon Request