

SIYAVASH AMIRHAJLOO MASHHADI

Computer Engineering student at University of Isfahan

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📍 Isfahan

SUMMARY

A capable Machine Learning Engineer with solid academic achievements in ML and linear algebra, skilled in project planning and applying AI technologies in practical settings, ready to contribute to innovative solutions.

EXPERIENCE

Machine Learning Engineer Intern

Mahya Nirou

📅 07/2023 - 12/2023 📍 Isfahan Technically park

As a Machine Learning Engineer Intern, I reliably developed and deployed an advanced image processing model on Nvidia Jetson Nano, integrated IoT components, and used Linux to assess Dairy Cow's Body Condition Score (BCS). This experience improved my skills in AI, network integration, and Linux, allowing me to contribute effectively to real-world projects and collaborate well with mentors and company leadership.

Basics of AI Teacher Assistant

University of Isfahan

📅 09/2023 - 01/2024 📍 University of Isfahan

Data Structure Teacher Assistant

University of Isfahan

📅 09/2023 - 01/2024 📍 University of Isfahan

PROJECTS

Cows Body Condition Score

📅 08/2023 - 12/2023 📍 Isfahan Technically park, Mahya Nirou company

In this project, using Python language and Framework X, an image processing model was developed to score the body condition of dairy cows according to the image received from them.

Neural Networks

📅 05/2023 📍 University of Isfahan

Carrying out several projects related to various neural network architectures and issues including: MLP, NAS, SOM, RBF
Related link: https://github.com/SiyavashAmirhajloo/CI_P2---Neural_Networks

Allocation of internet masts to localities using genetic algorithm

📅 04/2023 📍 University of Isfahan

This project employs a genetic algorithm to optimize the placement of internet masts, ensuring maximum coverage and connectivity for localities.

SKILLS

Python / Notebook

Pytorch

ML

Neural Networks

Image Processing

Genetic Algorithm

Agile PLM

C++

PASSIONS

💎 Natural language processing (NLP)

💎 Deep Learning

💎 Working with LLMs

ACHIEVEMENTS

💎 Solid academic background

ML university course Grade: 94.6

LA university course Grade: 88.7

EDUCATION

Computer Engineering

University of Isfahan

📅 09/2021 - Present

TRAINING / COURSES

Google Advanced Data Analytics Professional Certificate: The Nuts and Bolts of Machine Learning

LANGUAGES

English

Advanced

