



Basel Mather

Data Scientist

baselhusam

basel-mather/

Portfolio

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Amman, Jordan

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Education

University of Jordan, Amman Sep 2020 - June 2024

Majoring in Data Science - 3.8 GPA

Experience

Machine Learning Engineer - Nafith Logistics

Full Time | Oct 2023 - Present

During my tenure at Nafith Logistics International as a Machine Learning Engineer, I honed my expertise in MLOps, Model Deployment, Tunneling (including Kafka, Sockets & Websockets), GStreamer, Docker & Docker Swarm, OOP, 3D-image Processing, and various other cutting-edge technologies.

Machine Learning Engineer Intern - Nafith Logistics

Internship | July 2023 - Oct 2023

During my Internship, I gained valuable experience in ML and Computer Vision. Responsibilities included image labeling, model development, image inference, object detection/tracking, Docker infrastructure setup, and setting up the GPU environment.

Data Science Intern - SHAI FOR AI

Internship | Sep 2022 - Dec 2022

During my internship, I gained hands-on experience by completing diverse projects on time. Projects in fields like Machine & Deep Learning, Computer Vision, and NLP. These experiences enhanced my skills in clean coding, data structures, OOP, collaboration, and version control with Git/GitHub.

Certificates

Deep Learning Specialization

AI for Medicine Specialization

NLP Specialization

Machine Learning Specialization

TensorFlow Developer

Introduction to Git & GitHub

TF: Data & Deployment

AWS Fundamentals Specialization

Deep Learning Using PyTorch

Mathematics for ML Specialization

Languages

Arabic (Native)

English (professional)

Projects

- ClickML (AutoML):

An Easy-to-use No-code Platform for building & evaluating Machine Learning Model with few Clicks.

- PHAI (GenAI):

A platform that allows users to access & understand their medical prescriptions with ease, by providing an LLM-powered chatbot integrated with RAG Technique Implementation.

- Art Styleify (CV)

Web Application that allows you to transform your photos into stunning masterpieces using various artistic styles through AI Technologies.

- RetinAI (CV)

RetinAI secured 2nd place in the 8th annual Hakeem Academy Competition for Electronic Health Solutions. It is a platform for diagnosing retinal diseases using AI technologies. This platform can analyze the retinal images, diagnose diseases, and make reports based on your condition in less than one minute!

- Blurify.AI (CV)

Web application that allows you to upload an image and detect and blur all the faces within that image.

- Face Mask Classifier (CV)

This Project is designed to detect whether a person in an image is wearing a face mask or not.

- Search Engine (NLP)

Building a Search Engine from 500 Arabic Articles from the Husna website as a web application.

- Playing Cards Detection with Tarneeb Game (CV):

Phase 1: Building a model that detects the Playing Cards.

Phase 2: Build the Tarneeb game based on the detections of the model.

- The Practice of Computing Using Python Solution (Other)

This comprehensive resource is designed to help aspiring Python learners enhance their skills and gain practical experience through exercise solving.

Volunteer

- Director of the ACM Magazine JU CHAPTER and Contributing Writer

- Technical Team Lead at IEEE Computational Intelligence Society

- Member at GDSC (Google Developer Student Club)

- Member at ITeam JU

- Ambassador at SHAI FOR AI

Recommendation Letters

- Prof. Ibarhim Aljarah - Head of AI Departement @University of Jordan

Email: i.aljarah@ju.edu.jo

- Dr. Sherenaz Al-Haj Baddar - Associate Professor of Computer Science, Kasit @University of Jordan

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