Mirza Danial Masood

ML & CV Engineer | Data Scientist

Flexible, innovative, and enthusiastic individual who possesses a considerable amount of knowledge regarding Data Science, Computer Vision and Machine Learning procedures. Extracting data and understanding patterns from data in an attempt to gain new insights.

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📱 03430777671

📍 House No. DD-185, Abbasi Street, Madina Town, Shamsabad, Rawalpindi, Pakistan

📅 15 October, 1994

WORK EXPERIENCE

Data Scientist
NestedKode

06/2021 - 07/2021   *Islamabad, pakistan*

Achievements/Tasks

- I worked on a foreign-based Machine Learning/Deep Learning based project. I worked on an image-based recognition module in the project using deep learning and python.

Teacher Assistant
Fast National University of Computer and Emerging Sciences

03/2021 - 07/2021   *Islamabad, Pakistan*

Achievements/Tasks

- I worked as a teacher assistant to Dr. Labiba Fahad (Assistant Professor, FAST-NUCES) for the subject of the Theory of Programming Language (MSCS). As a teacher assistant (TA), I'm managing course work (Assignments, quizzes, projects, and taking Demos) under the supervision of Dr. Labiba Fahad.

EDUCATION

MS Computer Science
Fast National University of Computer and Emerging Sciences

08/2019 - Present   *Islamabad, Pakistan*

Courses

- Machine Learning
- Deep Learning
- Computer Vision
- Computer Architecture

BS Information Technology
University of Sargodha

09/2013 - 12/2017   *Sargodha, Pakistan*

Courses

- Game Development
- Web Development
- Java Development

SKILLS

Machine Learning Deep Learning Computer Vision
Bioinformatics Python C++ Scikit-Learn
Pytorch Tensorflow Scikit-Image OpenCV
Teamwork Problem Solving Communacations

PERSONAL PROJECTS

Skin Cancer Detection using Deep learning (Thesis)
- Pytorch, OpenCV, Tensorflow, Scikit-Image, HAM10000,

Benchmark CPU using Machine Learning through Multi-Threading
- Scikit-Learn, Perf, Vprof, and Scalene

Comparison of Python, R and Julia w.r.t Machine Learning
- Scikit-Learn, RStudio, and Jupyter Notebook

Protein Secondary Structure Classification using Machine Learning Methods
- iLearn, CD-HIT, UGENE, The ConSurf Server, and Scikit-Learn

Deterministic Crossover in Genetic Algorithm using Protein fold recognition approach

Benchmarking Performance of CPU and GPU through 3D Rendering
- Linux OS, GLmark2, V-Ray Benchmark, and Perf

Comparison of Programming Languages in Game Development
- Unity 3D, visual VM and programming languages (C#, Java, JS)

UOS Campus Runner, 2D Game (FYP Project)
- Unity 3D , Adobe Illustrator, Adobe Photoshop

CERTIFICATES

Introduction to Machine Learning (01/2021)
Global AI Hub, Turkey

Applied Machine Learning in Python (08/2020)
University of Michigan,USA

Python for Genomic Data Science (07/2020)
Johns Hopkins University, USA