Abdul Basit

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EDUCATION

HERTFORDSHIRE UNIVERSITY
MSc in AI and Robotics With Advanced Research (Distinction)
Sep 2018- Nov 2020 | Hatfield, Uk

UMT
BS in Software Engineering
Sep 2017 | Lahore, Pk

LINKS

Portfolio:// **Abdul Basit**
GitHub:// **Abdul Basit**
Linked In:// **Abdul Basit**
YouTube:// **Abdul Basit**
Kaggle:// **Abdul Basit**
Medium:// **Abdul Basit**

COURSEWORK

GRADUATE
Neural Networks and Machine Learning
Theory and Practice of Artificial Intelligence
Artificial Life with Robotics
Investigative Methods for Computer Science
Professional Issues
Research Methods
Advanced Research Topics in Computer Science

UNDERGRADUATE
Information Retrieval
Operating Systems
Artificial Intelligence
Functional Programming
Digital Image Processing

SKILLS

PROGRAMMING
Java • Shell • Python • R
Netlogo • Matlab • Aseba • LaTeX
C • C++ • CSS • PHP • Assembly
Familiar:
Bash • TensorFlow • Open Cv • MySQL

EXPERIENCE

KAGGLE
|Notebooks Expert
June 2022 - Till Date | lahore, lhr
- Earned 5 Bronze Medals in one month
- Current rank is among the Top 1 percent at **Kaggle**
- Develop Convolutional Neural Network, ResNet50, Efficient Net and use the concept of Transfer Learning, Fine Tuning , Make a model from scratch as well.

BEGINNER'S CODE
|Deep Learning Engineer
Jan 2022 - Till Date | lahore, lhr

- Started My own YouTube Educational Channel
- Make Deep learning Tutorial for Image Classification and Python tutorials for complex code Problems.
- Actively writing deep learning blogs at **Medium**.

KAIZEN | Unity developer
Sep 2017 - May 2018 | lahore, lhr
- My task was to develop games on the Unity engine for mobile platform
- I had developed games of different categories like Arcade Simulation , FPS and do research for the user engagement to the Game.

RESEARCH

RESEARCH INTEREST'S | Researcher
Jan 2022 - Till Date | lahore, lhr
- Computer Vision, Deep Learning, Machine Learning.
- My primarily research is in computer vision, Object Detection, Classification, Image Processing and its application in the medical Images.
- Currently working on a project which aim is to Identify unique 48 classes, As a result customer can utilise the report which will add value to the product.

PROJECTS

THERMAL FACE IDENTIFICATION | developer
May 2020 | Hatfield, Uk
I am fortunate enough to work with **Dr. Na Helian** as she was my Master's project supervisor Developed Encoder Decoder based algorithm to generate Thermal Images of human faces and used them to classify 41 unique subjects. Developed specific sequence of custom filters for increasing accuracy of face recognition.

FUSION FISSION DYNAMICS | Developer
May 2019 | Hatfield, Uk
A NetLogo and Thymio based robotics project. The robot was designed to follow other robots move with the swarm, detect and move relative to obstacles/line. Classified the detection zones into three different layers far sight, near sight and perspective space.

CERTIFICATES

- Neural Networks and Deep Learning
- Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Structuring Machine Learning Projects