

Abdul Basit

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EDUCATION

HERTFORDSHIRE UNIVERSITY
MSC IN AI AND ROBOTICS WITH
ADVANCED RESEARCH (DISTINCTION)
Sep 2020 | Hatfield, UK

UMT
BS IN SOFTWARE ENGINEERING
Sep 2017 | Lahore, PK

LINKS

Github:// **Abdul Basit**
LinkedIn:// **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:
AS3 • iOS • Android • MySQL

EXPERIENCE

KAIZEN | UNITY DEVELOPER
Sep 2017 - May 2018 | Lahore, Lhr

PROJECTS

THERMAL FACE RECOGNITION | DEVELOPER

May 2020 | Hatfield, UK
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.

AGE OF EMPIRES | DEVELOPER AND DATA ANALYST

Jan 2019 | Hatfield, UK
A Java based game on which different algorithm were deployed to enhance the efficiency. The statistical analysis was done on IBM SPSS that shows which algorithm performs better. learned research techniques, developed skill to encounter the problem

CHEFU | DEVELOPER AND RESEARCHER

Aug 2017 | Lahore, PK
A web and mobile-based online app to hire chefs location wise. Features include personalized recommendations, portfolio management, rating chef services, social features, buying recipes and fetching locations

CERTIFICATES

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