Ahmed Hasan

Data Science Enthusiast | Full Stack Developer

An enthusiast developer seeking to learn, grow and utilize skills to the fullest in an organization for personal and organization's growth.

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EDUCATION

Bachelor of Computer Science (BSCS)
FAST-National University

08/2016 – Present   *Lahore*

Standout Courses

- Data Structures
- Artificial Intelligence
- Algorithms
- Calculus

PROJECTS

(Final Year Project) Edote: Intelligent Elderly Healthcare Management System (06/2019 – Present)
- React Native Application
- Artificial Intelligent Emergency Prediction and Detection Models
- Vital Signs Monitoring with Iot Devices
- Python Backend APIs and AWS Cloud deployment

Attenligence (09/2019 – 11/2019)
- Project delivered to software house FRIZHUB as part of Software Engineering course.
- MEAN stack web application to record and get insights from attendance of employees

Search Engine with Inverted Index (09/2019 – 11/2019)
- Created a search engine using information retrieval methods
- Data scrapping using beautiful soup
- Word stemming and Inverted index creation

Cat vs Dog Image Detection (03/2019 – 04/2019)
- Convolution Neural Networks and Machine Learning
- Tensorflow, Keras, Numpy

Data Warehousing ETL Project (09/2018 – 11/2018)
- Business Intelligence using SQL Server Data Tools(SSDT)
- Extracted and Transformed data from 3 different databases and Loaded for insights and intelligence

Inventory Management System (02/2018 – 04/2018)
- MS SQL Server Database Project
- asp.net C# web application

WORK EXPERIENCE

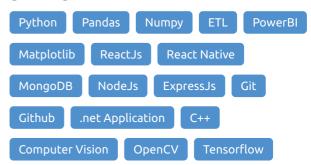### IT Intern
Al Baraka Islamic Bank (DR Office)

07/2018 – 08/2018   *Gulberg, Lahore, Pakistan*

Achievements/Tasks

- C# .net Desktop Application development and learning
- User Registration form application development
- MS SQL Database connection and queries
- Crystal Reports generation

SKILLS

Python · Pandas · Numpy · ETL · PowerBI · Matplotlib · ReactJs · React Native · MongoDB · NodeJs · ExpressJs · Git · Github · .net Application · C++ · Computer Vision · OpenCV · Tensorflow

ACHIEVEMENTS

HackerRank 5-Star Badge on Problem Solving Skills
Won 5-Star Badge on HackerRank problem solving skills section that has mind challenging questions.

GitHub 30,000+ lines contribution
Co-founder of a startup and contributed 30,000+ lines on GitHub on a single startup working on MERN stack technology.

Top 20 ICPC Asia TOPI Regional On-Site Programming Competition, GIKI (11/2019 – 11/2019)
"Team Sync" Secured 19th place in Asia Regional Programming Competition, Topi, GIKI. Competed with teams all across Region Asia Topi.

VOLUNTEER

Head Programming Cometition SOFTEC'20
Head Programming Competition

Deputy Head Programming Competition SOFTEC'19 (02/2019 – 05/2019)
Deputy Head Programming Competition

Volunteer Programming Competition SOFTEC'18 (03/2018 – 04/2018)
Won Exceptional Volunteer award by SOFTEC

CERTIFICATES

Neural Networks and Deep Learning
Completed course Neural Networks and Deep Learning from deeplearning.ai, Coursera.

Introduction to Data Science in Python
Learning Data Science from University of Michigan, Coursera. Currently enrolled in this course and making progress towards Specialization.

INTERESTS

IoT · Computer Vision · Neural Networks · Machine Learning · Data Science