



M. ABDULLAH HASHMI

Data Scientist |

PYTHON DEVELOPER | MACHINE LEARNING & DEEP LEARNING | DATA ANALYST & VISUALIZATION |
FULL STACK WEB DEVELOPMENT

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PERSONALITY TRAIT

Highly skilled data scientist with expertise in Python development, web scraping and automation, data analysis, and visualization, and machine learning and deep learning. Proficient in Python and its popular libraries, big data technologies and cloud computing platforms. Strong ability to extract insights, make data-driven decisions, and present complex data in an easy-to-understand format. Proven track record of working on various projects that involved the development and deployment of AI-based models and systems, with a focus on improving business outcomes.

COMMUNICATGION SKILLS

- Outstanding command over verbal and non-verbal communicative & interpersonal skills.
- Strong organizational, managerial, problem solving, interpersonal and negotiation skills.
- Confidently able to work independently or in a team to deal effectively with employees.
- Ability to manage multiple projects with minimal supervision.

EDUCATION & CERTIFICATION

🎓 Master of Science in Data Science[3.81]

2019-2022 from Air University, Islamabad

Research Area : Anomaly Detection, Big Data, Machine and Deep Learning

🎓 Bachelor of Science in Software Engineering[3.01]

2012-2016 from Comsats University, Abbottabad Campus (CUST)

🏠 FSC Pre Engineering

2012-2012 from BISE, DG Khan

🏠 SSC-Science

2008-2010 from FBISE, Islamabad

🌟 Learning Online: Managing your Identity (University of Leeds)

2018 from Coursera

🌟 Learning Online: Searching and Researching (University of Leeds)

2018 from Coursera

🌟 Advance Excel (Fauji Foods Limited)

2018 from Fauji Foods

DEGREE

DEGREE

DEGREE

DEGREE

CERTIFICATION

CERTIFICATION

CERTIFICATION

EXPERIENCE

08-21 – Present

Junior Data Analyst

Dark Web Forensics

National Cybercrime and Forensics Lab - NCCS

Responsibilities

- Experience with Elastic Search and Kibana.
- Experience with Machine learning and Deep learning.
- Developed a Nosql search engine for a dark web related NCCS project using elastic search to extract information from large scale data.
- Developed a text classification model using BERT and LSTM to detect various Hate and Child Abuse related posts and forum threads in large-scale data.
- Developing and maintaining various flask apis related to different NCCS projects.
- Developing user based real time streaming twitter analysis dashboard.
- Hands on experience with various Deep learning related module in NCCS project.

Technology
used:

Elasticsearch Kibana Python Flask Deep Learning Machine Learning

Responsibilities

- Installing and configuring computer Hardware, Software, Systems, Networks, Printers and Scanners.
- Maintain Database of inventory of workstations and associated equipment in IBM Lotus Note Inventory.
- Creating an Internal Local Based Inventory System for Managing and Storing Information of It Equipment issued to the users.
- Repairing equipment and replacing parts.
- Investigating, diagnosing and solving Computer Software, Windows Deployment Server and hardware faults.
- Provide helpdesk support, by phone and in person, for a variety of department specific applications such as Windows Troubleshooting, Microsoft Office, Microsoft Outlook, SAP, Google Chrome, IBM Lotus and IBM Lotus Note Inventory.
- Perform preventative maintenance in accordance with department policies.
- Creating a Custom Windows 10 OS which include pre install specific software, policies, desktops and packages according to company standard.

ACADEMIC EXPERIENCE

08-2021-08-2022

NATIONAL VOCATIONAL & TECHNICAL TRAINING COMMISSION**Instructor**

Youth Development Programme

- Big Data Analytics : Duration (6 Month).
- Advance Amazon : Duration (6 Month)

Technology
used:

Python

HTML

CSS

Javascript

Jquery

PHP

MySQL

Flask

Jinja

TECHNICAL PROJECTS & FREELANCING

- HIV-related Tweet detection utilizing Hybrid Word Embedding and Deep Learning Models.
- Natural Scene Images Classification Based on Inception-v3 Transfer Learning Model.
- Image-Based Multi Class Plant Disease Detection using Vision Transformer technique.
- Twitter Deeper Analysis on the Disinformation/Influence Operation against Amber Heard.
- Emotion Detection From Tweets Using a BERT and LSTM.
- Real Time Covid-19 Data Analysis and Visualization for Islamabad Sector.
- Cryptocurrency Forecasting AI Application.
- Federal Board of Revenue Taxpayer Data Analysis and Visualization.
- Analysis and Understanding of Quran and Hadith using Data Visualization.
- Deep Learning Model Deployment using Tkinter.

SKILLS, TOOLS & PLATFORMS**✓ Framework and Libraries**

Flask	●●●●●●
Plotly	●●●●●●
NLTK Library	●●●●●●
Machine and Deep Learning-Python	●●●●●●
Kibana	●●●●●●

✓ Development tools

Anaconda and Pycharm	●●●●●●
Pgadmin	●●●●●●
Docker	●●●●●●
Linux	●●●●●●
Git	●●●●●●
Visual Studio Code	●●●●●●

✔ **Programming Scripting languages**

Python	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
R	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Pyspark, SparkML	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
HTML/CSS/JQuery/Bootstrap	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

✔ **Design and Documentation Tools**

MS Office	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
draw.io diagrams.net	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

✔ **Databases**

PostgreSQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Microsoft SQL Server	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
MySQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Elasticsearch	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>