

Ali Abdullah

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OBJECTIVE

I'm a biomedical engineer who's now diving into data science. I'm really good at collecting data from the web and tweaking it to make sense. I also know how to use machine learning to solve problems, from start to finish, and get those solutions out there where they can do some good.

EDUCATION

NFC Institute of Engineering & Technology

2020-24

Bs Bio-Medical Engineering and Technology

- [Final Year Project: GUI Based Smart Health Monitoring System](#)

GUI-based smart health monitoring systems offer an intuitive interface for individuals and healthcare professionals to monitor, manage, and analyze health data.

Higher Secondary in Science

2018-20

Pre-Engineering: Rise College, Multan

EXPERIENCE

Technocolabs Softwares

May 2024 - July 2024

Data Science Intern

- Explore the dynamics of employee attrition at technocolabs through in-depth analysis and prediction. Additionally, craft an engaging dashboard using tableau to visualize key insights and trends.
- Dive into the realm of financial risk analysis and prediction within the online peer-to-peer lending platform domain. Uncover insights through feature engineering and the application of Principal Component Analysis (PCA) for enhanced decision-making.

Vertex Medical (PVT) LTD

Aug 2023 - Mar 2024

Service Engineer Intern

- During my tenure at Vertex, I specialized in understanding anesthesia, ventilators, and critical care equipment. I adeptly identified and resolved errors in these systems, collaborating closely with senior colleagues.
- Additionally, I conducted Preventive Maintenance (PPM) at various hospitals, installed new equipment, and provided comprehensive demonstrations to end-users.

Projects

1. [Web Data Scraping using BeautifulSoup & Selenium](#)
2. [CardioCare: Web-Based Heart Disease Prediction System](#)
3. [Email Spam Classifier](#)
4. [AI Chat-bot](#)
5. [Alzheimer's Detection using CNN](#)
6. [Face Mask Detector using MobileNetV2](#)
7. [Self Driving Car](#)
8. [Rag Chatbot using Groq](#)

ADDITIONAL INFORMATION

Skills:

MS Excel, Tableau, Python(NumPy, Pandas, Scikit-learn, Seaborn), Web-Scraping, Keras, Jupyter, PyTorch, SQL, Git, Supervised Learning (Decision Trees, Random Forest, and SVM), Unsupervised Learning (PCA/tSNE), Neural Network (CNN, RNN, LSTM, GRU), Natural Language Processing/ NLP, Attention Mechanism, Transformers