FAWAZ KHAN R

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SKILLS

- **Technical Skills:** Machine Learning, Artificial Intelligence, Deep Learning, Generative AI, Data Analysis, Data Visualization, Exploratory Data Analysis (EDA), Statistical Analysis, Prompt Engineering
- **Web Development:** HTML, CSS, Javascript
- **Tools and Frameworks:** Python, C, MySQL, Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, SciPy, OpenCV (Computer Vision), Jupyter Notebook, Git, GitHub, MySQL Workbench, Google Cloud Platform (GCP), Vertex AI
- **Core Skills:** Problem Solving, Adaptability, Attention to Detail, Communication, Team Player

CERTIFICATIONS

- Unsupervised Learning, Recommenders and Reinforcement Learning by Stanford - Coursera
- Scientific Computing with Python - freeCodeCamp
- Responsive Web Design - freeCodeCamp
- More Certifications

PROFILE

Currently pursuing a Bachelor's Degree in Computer Science. Final year student who is seeking a role in your company for Data Science and Software Development roles. Excels at learning things quickly and would love to learn and grow with your company

PROJECT EXPERIENCE

Voice tagging using DL JAN 2024
Encoder - Decoder Model

- Developed a multi-modal architecture model by integrating Caption generation with TTS Tacotron2, focusing on synchronous processing and real-time data handling.
- Achieved a BLEU score index of 0.8 using Flickr 8k and 30k datasets, indicating high-quality model performance in language generation tasks.

Toxicity Mitigation using GCP SEP 2024
Ethical use of Google Cloud

- Identifies harmful language in text, emphasizing ethical AI practices by utilizing Keras Sequential architecture with initial embedding and dense layers, outputting toxicity predictions.
- Employs the MinDiff method to mitigate bias in the model's predictions and achieved an accuracy of 92%.

Chest X - ray Multiclass Classification APRIL 2024
DenseNet - 121 based

- Utilized NIH Chest X-ray dataset on Kaggle for deep learning classification with DenseNet-121 model.
- Achieved 95.67% accuracy in predicting 14 disease classes.

EDUCATION

Bachelor of Technology 2021 - 2025
Dayananda Sagar University
GPA: 9.07/10.0

Central Board of Secondary Education 2020
Maharishi Vidya Mandir Senior Sec. School
12th: 94.6%

Central Board of Secondary Education 2018
Maharishi Vidya Mandir Senior Sec. School
10th: 92.2%