Shahidul Haque Shaheen

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PROFILE

I am passionate about Data Science, with two years of learning and practical experience. I have strong programming skills and enjoy solving data problems. My dedication to learning helps me constantly improve my abilities and understanding in this field. I am hardworking, determined, and always eager to grow, seeking opportunities to expand my knowledge and make meaningful contributions in Data Science.

RESEARCH INTEREST

- Machine Learning
- Deep Learning
- Image Processing
- Natural Language Processing
- Human Computer Interface
- Generative artificial intelligence

EDUCATION

BRAC University   FALL 2019 – FALL 2023
B.Sc. in Computer Science and Engineering   CGPA: 3.58/4.00
Relevant Courses: Data Structures, Algorithms, Database Systems, Artificial Intelligence, Neural Networks, Mathematics for Machine Learning and Signal Processing, Machine Learning, Software Engineering.

RESEARCH EXPERIENCE

Undergraduate Research / Thesis — BRAC University - GitHub Link.

- Conducted an undergraduate thesis on Deep Learning (Image Classsification) under the supervision of Dr. Jannatun Noor.
- **Title :** CattleSavior: Towards Implementing an Advanced External Disease Detection System through Deep Learning.

NOTABLE PROJECTS

- Real Estate Price Prediction using Data Science - **GitHub Link**.
    - Developed a predictive model to estimate real estate prices based on historical data.
    - Used Python with libraries such as Pandas, NumPy, and Scikit-Learn for data preprocessing and model building.
    - Implemented regression algorithms, including Linear Regression and DecisionTreeRegressor, to improve accuracy.
    - Evaluated model performance using Cross Validation and GridSearchCV metrics.
- Spam Message or Email Detector using Machine Learning - **GitHub Link**.
    - Built a classifier to detect spam messages and emails with high precision.
    - Applied NLP techniques for text preprocessing, such as tokenization and TF-IDF vectorization.
    - Used Python with Scikit-Learn to train models, Naïve Bayes.
    - Evaluated the model on metrics like accuracy, precision, and recall to optimize performance.

SKILLS SUMMARY

Programming Language :	Python, SQL, JAVA, HTML, CSS, C, C++.
Python Libraries :	Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras
Software :	Microsoft Power BI, XAMPP, MySQL Workbench.
Office Application :	Microsoft Office Suite, LaTeX.
Soft Skills :	Organizing, Collaborating, Teaching, Writing.

REFERENCES

Jannatun Noor Mukta,
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