Md. Saharan Evan

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SUMMARY

Passionate AI/ML research with a deep interest in deep learning, computer vision, and natural language processing. Skilled in Python, TensorFlow, PyTorch, and various ML libraries. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop cutting-edge AI solutions.

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript

Deep Learning Frameworks: TensorFlow, PyTorch, Keras, Caffe

Libraries & Tools: NumPy, Pandas, Scikit-learn, OpenCV, NLTK, Git, Docker, Tableau, Power BI, SQL

EXPERIENCE

AI/ML Intern — Nov 1 – Present
Teton Bangladesh — *Badda, Dhaka-1212*
- Compare best suited model for product development
- Developed customized models to Multiclass detection
- Analyze various dataset for models development

AI Researcher — Aug 2024 – September 2024
Datalytics Labs — *Uttara, Dhaka*
- Research on multiple computer vision models
- Developed customized models to detect objects
- Completed day to day task and reported daily scrum

Assistant Instructor — Jan 2020 – Dec 2020
Glorious Professional Academy — *Greenroad, Dhaka*
- Took classes on Mathematics and physics
- Arranged question paper on logical reasoning

EDUCATION

BRAC University — Middle Badda, Dhaka
BSc. in Computer Science and Engineering, CGPA: 3.58 — *Aug 2020 – Dec 2024*

Milestone College, Uttara — Uttara, Dhaka
Science Group, GPA: 5.00 — *July 2017 – May 2019*

RESEARCH AND PUBLICATION

Safe RL based System for Connected and Autonomous Vehicle Charging Infrastructure — Mar 2024
Undergraduate Thesis — *Python, PyTourch*
- Developed an end-to-end system for best charging recommandation using Safe RL concept
- Used Deep Neural Network, Reinforcement Learning, Multiple linear model
- Ensure the best outcome based on existing baseline models

Evaluating Online Sexism Detection — Jan 2023 – Jan 2024
Natural Language Processing — *Python, NLTK, Keras*
- A Comparative Study of Machine Learning Models using the EDOS Dataset.
- Implemented existing machine learning models and compared between them
- https://ieeexplore.ieee.org/documen t/10543680/

PROJECTS

Signboard Detection from Roadside Images Feb 2024 – Present
Deep Learning Project *Python, TensorFlow, OpenCV*
- Developed an end-to-end system for detecting signboards from any roadside images
- Utilized CNN, RCNN and Yolo models for image feature extraction and model training
- Took primary dataset and anotated accordingly

Error Detection in Bengali Language Aug 2022 – Dec 2022
Natural Language Processing *Python, NLTK*
- Applied SVM and RF approach to detect errors
- Dataset collected from kaggle and applied data processing

House Price Prediction April 2023 – Dec 2023
Machine Learning *Python, Scikit-learn*
- Applied Tree based approach to predict the prices
- Pre-process the data to fit the models accordingly
- The ensemble method shown the best accuracy

CERTIFICATIONS

- Software Engineering Virtual Experience - 2023, JP Morgan Chase Co. – Forage
- Data Science Virtual Experience Programme-2023, BRITISH AIRWAYS

ACHIVEMENTS

Runner-up of TechSpectra 2.0, BRAC University Dec 2023
Prompt Engineering *ChatGPT, Web Application*

EXTRA CURRICULAR

Solved 100+ Problems on Leetcode
https://leetcode.com/u/Md_Saharan_Evan/

Solved 50+ Problems on Codeforces
https://codeforces.com/profile/Saharan_Evan/

REFERENCES

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