Mahir Afser Pavel

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116/1 Mohakhali School Road, Gulshan, Dhaka, Bangladesh| September 26, 2001| in LinkedIn| ○ GitHub

About

As a recent graduate, I embody the values of integrity and reliability, which guide my professional approach. Driven by a strong thirst for knowledge, I actively seek opportunities to broaden my skills and understanding. I am dedicated to continuous growth, constantly refining my abilities to make meaningful contributions in dynamic work environments. I am particularly interested in roles such as Lecturer, Data Scientist, Machine Learning Engineer, Natural Language Processing Engineer, and Research Assistant/Associate, where I can apply my passion for learning to deliver impactful contributions.

Education

- **Bachelor of Science in Computer Science and Engineering**
  North South University (January 2019 - January 2024)
  CGPA: 3.71 (Magna cum laude)
  Major in Artificial Intelligence Trail
  Specialized courses: Artificial Intelligence, Machine Learning, Pattern Recognition, Neural Networks, Natural Language Processing, Computer Vision, Image processing and Robotics.

- **Higher Secondary Certificate**
  Banani Bidyaniketan School & College, Dhaka, 2018
  Achieved Higher Secondary Certificate with Academic Excellence, securing a GPA of 4.00

- **Secondary School Certificate**
  Banani Bidyaniketan School & College, Dhaka, 2016
  Achieved Secondary School Certificate with Academic Excellence, securing a perfect GPA of 5.00

Notable Projects

- **NSCLC Classification Using DL, CV, NLP** - Researched and implemented lung cancer classification using deep learning, computer vision, and natural language processing techniques. (GitHub Link)

- **Research** - A Cluster-Based Search Application is a full-stack web and Android-based search engine. Its objective is to allow users to establish clusters of links and define the data they want the program to scrape. The scraped data is saved in an Elasticsearch index, allowing users to conduct effective searches. (GitHub Link)

- **Tooth Decay Identification Using YOLO Algorithm** - Developed an algorithm based on YOLO for identifying tooth decay in dental X-ray images.

- **More projects available on LinkedIn** - Visit my LinkedIn profile for more projects: LinkedIn

Languages

- English - Fluent

- Bengali - Native

Certifications

- **Communication Masterclass by Tahsan Khan** - Certificate Link

Professional Skills

Technical Skills

- **Programming Languages:** Python, Java, C++, C, PHP

- **Web Development:** HTML, CSS, JavaScript, Django

- **Database Management:** SQL

- **Version Control Systems:** Git

- **Data Analysis and Machine Learning Libraries:** Scikit-learn, TensorFlow, Pytorch, Keras, Pandas, NumPy, Matplotlib, Seaborn, NLTK, SpaCy, OpenCV

Software Tools

- **Integrated Development Environments (IDEs):** PyCharm, Visual Studio Code, Codeblocks, Eclipse, Google Colaboratory, Jupyter Notebook, Kaggle

- **Project Management Tools:** Jira, Trello

- **Collaboration Platforms:** Slack, Microsoft Teams

- **Document Typesetting:** Word, Excel, PowerPoint, LaTeX

Interests

- Conducting research in AI field like Natural Language Processing, Machine Learning, Deep Learning ... etc

- Tutoring and mentoring students in computer science concepts

- Participating in Kaggle and AI competitions

References

Available upon request.