Mahir Afser Pavel

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116/1 Mohakhali School Road, Gulshan, Dhaka, Bangladesh| September 26, 2001

About

As a recent graduate, I exemplify the core values of honesty and trustworthiness, foundational principles that underpin my professional ethos. Driven by an insatiable thirst for knowledge, I approach each day with an ardent desire to broaden my horizons and cultivate new skills. Drawing wisdom from esteemed mentors, I actively pursue opportunities for personal and professional growth. Committed to continual development, I am motivated by the challenge of refining my abilities and making substantive contributions to the dynamic landscape of contemporary workplaces. I am particularly drawn to roles such as Lecturer, Data Scientist, Machine Learning Engineer, Natural Language Processing Engineer, and Research Assistant/Associate. These positions resonate with my innate passion for learning and my aspiration to apply my expertise in practical contexts, while also affording me the opportunity to deliver impactful contributions to the respective fields.

Education

- **Bachelor of Science in Computer Science**
  North South University (January 2019 - January 2024)
  CGPA: 3.71 (Magna cum laude)
- **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

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

Certifications

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

Languages

- English - Fluent
- Bengali - Native

Links

- Mahir Afser Pavel
- mahirafserpavel

Interests

- Conducting research in machine learning and natural language processing
- Tutoring and mentoring students in computer science concepts
- Participating in kaggle and AI competitions

References

Available upon request.