Asma Sultana

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OBJECTIVE

Enthusiastic, self-motivated and feel quite passionate about AI/ML innovation and research at this early stage. I have a strong foundation in AI/ML engineering, with proficiency in Python, TensorFlow, and PyTorch for building and deploying models. I am skilled in data preprocessing, feature engineering, model evaluation, and optimization, and can integrate AI solutions into real-world applications.

EXPERIENCE

Eutropia IT Solution (Internship)
- Position: Frontend Web Developer
- Developed a **Food Restaurant** under the guidance and detailed requirements.

AMIA TIB YEAR 2025
- Working on article screening & scoring, I have been assigned to be a part of the Translational Bioinformatics Year-In-Review (TBI YIR) team.

EDUCATION

B.Sc in Computer Science & Engineering   Jan 2020 - June 2024
University Of Asia Pacific | Dhaka, Bangladesh
CGPA: 3.59 | 4.00
Thesis Paper: Bangla Text Summarization using the BANGLABERT and BERTSUM Model.

Learning Models include NLP, LLM, LSTM, BERT, BERTSUM, and Fine-tuning.

RESEARCH & PROJECTS

Machine Learning Approaches for Kidney Disease Diagnosis Using the BRFSS Dataset
- ➢ In the process of submission to Computers in Biology and Medicine

Diagnosis of Arthritis Using Machine Learning Models
- ➢ In the process of submission to NCIM 2025, IEEE

Data Management Visualization ([Github](#))
- ➢ Work on a Mortality dataset with valuable R programming and data science skills here.
  Language: **R, Python**

Heart Disease Analysis ([Github](#))
- ➢ Work on a dataset that contains medical information on patients.
- ➢ Leveraging ML models to predict heart disease, diagnose heart conditions.
  Language: **Python**

See more

SKILLS

- C, C++, R, Python & Django
- Pandas, Numpy, Matplotlib
- PyTorch, Tensorflow, Scikit-Learn
- Git & GitHub

- HTML, CSS, TailwindCSS, JavaScript
- MySQL, Power BI, Database
- Figma, Pixco, Canva, Latex
- Microsoft Excel, Word, Powerpoint

- Proficient in OOP, Data Structure, Algorithm, Machine Learning, Deep Learning, Data Analysis, Research Planning & Execution

PERSONAL SKILLS

Problem-solving, Teaching, Teamwork, Quick learner, Ability to work under pressure