House no:73/2, Shantinagar, Dhaka-1217
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Objective:

To leverage my strong technical knowledge and problem-solving skills, honed through a Bachelor's degree in Computer Science and Engineering from North South University and over a year of professional experience as a developer, in a dynamic and challenging environment. I seek a position that enables me to contribute to the development and implementation of innovative software solutions while continuously expanding my expertise and growing within the field of technology.

Education

Bachelor of Science in Computer Science and Engineering
North South University
Bashundhara, Dhaka
CGPA: 3.28

Professional Engagements & Experience:

Organization Name: Women in Digital
Designation: Software Developer and Trainer
Duration: 1 year +
Organization Name: Women in Digital
Designation: Block-Chain Instructor
Duration: 2023-counting

Publications:

Title: A Comparative Study of Ovarian Cancer Prediction using Machine Learning Method.
Authors: Habiba Rashid ,Abhishek Das, Towhidul Alam, and Md. Zihad Hossain.
Conference: IEMENTECH 7th International Conference.
Status: Published. (**Link**)

Description: This project aims to develop a predictive analytics system for early ovarian cancer diagnosis. By analyzing clinical data from 349 patients, combining statistical techniques and machine learning models, significant blood biomarkers were identified. The study achieved up to 98% accuracy in distinguishing between benign and malignant conditions, utilizing serum samples of human epididymis protein 4, carbohydrate antigen 125, carbohydrate antigen 19-9, and carcinoembryonic antigen. This research demonstrates the potential of machine learning in aiding early ovarian cancer detection.

Title: Autism Disease Prediction using Deep Learning and Transfer Learning.
Authors: Habiba Rashid ,Abhishek Das, Towhidul Alam, and Md. Zihad Hossain.
Conference: IEEE International Conference on Smart Power Control and Renewable Energy 2024
Status: Accepted.
Describe: We developed a deep learning system to predict autism in children by analyzing facial expressions. DenseNet achieved 98% accuracy, VGG-16 reached 97%, and MobileNet-V2 obtained 73%. DenseNet and VGG-16 proved most effective for early autism detection, highlighting the potential of these techniques in identifying autism-related facial patterns.

Title: A subsequent behavior study of individuals and NLP approach to predict their personality.
Authors: Habiba Rashid Lamiya, Md Sajjad Hossain, Md Tanvir Ahmed , M. Zanibul Haque Shanto and Abhishek Das.
Conference: ICECSP 2024
Status: Accepted.
Describe: This project focuses on personality detection and prediction using the Myers-Briggs Type Indicator (MBTI) model and natural language processing (NLP) techniques. The project utilizes real-time text data collected from participants' keyboard inputs, along with a dataset of posts from social media platforms. The fndings provide insights into individuals' preferences, communication styles, and potential personality traits. The project aims to improve self-awareness, provide career guidance, and support mental health by leveraging the power of NLP and personality analysis. Additionally, the project discusses the limitations and future improvements to enhance the accuracy and applicability of the model.

Projects:

Non-Academic Projects:

Power Ministry, Ramganj-Pouroshova , E-trade License Management, E-tender Website.

Academic Projects:

Course name: Junior Design course | **CSE 299**
Title: Nitto.
Describe: A complete housemaid and domestic service provider.

Course name: Database System | **CSE 311**

Title: E-League .

Describe: A complete E-Sports service provider. Valid for E-sports organizers and players. Player database can use further research.

Course name: Machine Learning | **CSE 445**

Title: Credit Card Fraud Detection.

Describe: Implemented an advanced machine learning project focused on detecting.

Course name: Deep Learning | **CSE 465**

Title: Image embedding using pre-trained Models

Describe: Finding the final features of images and KNN using pre-trained models and comparing the results.

Course name: Senior Design course | **CSE 499**

Title: A Subsequent Behavioral Study of Individuals and NLP Approach to Predict Their Personality.

Describe: Sorting people according to their personality type using the NLP model with real-time text data.

Skills:

Programming Languages: Laravel , PHP, C/C++, Python, Java, JavaScript
Databases: MySQL.
Programming Libraries: Pandas.
Version Control Tools: Git, GitHub
Others: HTML, CSS, WordPress, Bootstrap, React Js.
Presentation and Documentation Tools: Microsoft PowerPoint, Microsoft Excel, Microsoft Word, Canva
Interpersonal: Innovation, Research, Decision Making, Leadership, Adaptability

Reference:

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