



MD SAFAYET ISLAM

B.Sc. in Computer Science & Engineering

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EDUCATION

B.Sc in Computer Science & Engineering
(CGPA : 3.13 out of 4.0)

East West University (2020-2023)

Higher Secondary Certificate

(GPA : 5.0 Out of 5.0)

Dhaka College

Secondary School Certificate

(GPA : 5.0 Out of 5.0)

Shamsul Haque Khan School and College

SKILLS

Operating Systems	: Windows,Ubuntu
Microsoft Office	: Word (Advance) Excel(Advance) PowerPoint (Medium)
Programming Languages	: Proficiency: Python, Java, C, C++ Familiarity: JavaScript, SQL,
Artificial Intelligence and Machine Learning	: Machine learning algorithms,Natural language processing ,modelsFrameworks & libraries (TensorFlow, PyTorch) Data analysis and visualization
Web Development	: HTML/CSS, frameworks : Django
Database Management	: MySQL
Documentation Software	: LaTeX
Presentation	: Prezi

PERSONAL STATEMENT

Looking for a challenging opportunity in a dynamic and progressive institution to explore own strength, knowledge, develop my technical skills & able to utilize my creativity and inventiveness for developing my career and for the growth of the institution.

KEY PROJECTS

- **Resume Parsing and Categorizing Using Machine Learning Algorithms**

This project uses machine learning and NLP to automate and optimize the resume screening and shortlisting process, aiding in candidate selection.

- **Book Recommender System**

This project uses k-NN collaborative filtering to identify user clusters and popular books for top-10 recommendations and rating predictions.

- **Leave Board Management System**

This projects provides a technological solution for efficient management of employee leave within corporate environments.

- **A full-fledged network for an organization with multiple subnets.**

This project illustrates how systems and subnetworks interconnect, portraying the organization's network structure and functional aspects.

RESEARCH & PUBLICATIONS

- **Detection of Retinal Disease from Optical Coherence Tomography Images Using CNN Models** (To be published in Springer Nature - Lecture Notes in Networks and Systems book series. (SCOPUS-Cited Publication).
- **Classification of dry beans into Genetic Varieties using deep learning-based Convolutional Neural Networks (CNNs)** (Published at the Fifth International Conference on Computing, Communications, and Cyber-Security (IC4S 2023)
- **Classification of Date Fruits into Genetic Varieties Using Machine Learning Techniques**(Accepted at 2024 International Conference on Innovations in Science, Engineering and Technology)
- **Exploring the Challenges and Solutions for Securing Smart Cities** (Submitted at 2nd IEEE International Conference on Artificial Intelligence, Blockchain, and Internet of Things)

INTERPERSONAL SKILLS

- Teamwork
- Multitasking
- Leadership
- Organizing

LANGUAGE

- Bangla (First Language)
- English - IELTS: 6.5 (R:6, L:6, W:6.5, S:6.5)

- **Strategies for Effective Malware Analysis and Detection Using Machine Learning Algorithms**(Accepted at IEEE Conference on Computing, Applications and Systems (COMPAS 2024))
- **Detection and Classifications of Diabetic Retinopathy from Image Using GAN and Deep Learning models** (Ongoing)
- **Enhancing-Early-Diagnosis-and-Precise-Classification-of-Type-2-Diabetes-with-Diabetic-Retinopathy-using-Machine-Learning-and-Image-Processing** (Ongoing).
- **Evaluating the Privacy and Security Implications of Mobile Apps** (ongoing).

EXPERIENCE

Artistryitalianfashion - www.artistryitalianfashion.com
Design & Sales Coordinator • Part-time (February 2022- November2023)

REFERENCES

Dr. Shamim H Ripon
Professor
Department of Computer Science & Engineering (East West University)
dshr@ewubd.edu

Dr. Ahmed Wasif Reza
Professor
Department of Computer Science & Engineering (East West University)
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