Masrur Ahmed

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House no.5, Block C, Road no.2, Shaplabag R/A, Tilagor, Sylhet 3100, Bangladesh

RESEARCH EXPERIENCE

Undergraduate Research Project
Title: Machine Learning Approach to Toxic Gas Dispersion Modeling
Supervisor: Dr. Engr. Salma Akhter
(Journal Paper yet to be published)

Feb 2020 - Dec 2020

WORK EXPERIENCE

Private Tutor
- Tutored more than 10 students of various classes
- Taught Math, Physics, Chemistry, and IT
- Followed constructivism as pedagogy

2016 - 2022

STANDARDIZED TEST SCORES

Graduate Record Examination (GRE) – 30th March 2022

Total	Verbal	Quantitative	Analytical Writing
322	161	161	3.5

Test of English as a Foreign Language (TOEFL) – 29th May 2022

Total	Reading	Listening	Speaking	Writing
104	28	28	23	25

EDUCATION

BSc   Chemical Engineering and Polymer Science
GPA: 3.01 / 4.00
Shahjalal University of Science and Technology, Sylhet

2015 - 2020

CERTIFICATIONS

- ✓ Deep Learning Specialization; Coursera (5 courses) – September 2020
- ✓ Applied Data Science with Python Specialization; Coursera (3 out of 5 completed) – August 2020
- ✓ Python 3 Programming Specialization; Coursera (5 courses) – July 2020
- ✓ Open-Source Software Development, Linux & Git Specialization; Coursera(4 courses)–June 2020
- ✓ Short Course on Chemical Weapons Convention and Basics of Chemical Hazard & Safety, Bangladesh National Authority for Chemical Weapons Convention (BNACWC) – October 2020

INDUSTRIAL TRAINING

Industrial Process Unit Operation and Process Control Technique
Training Institute for Chemical Industries, Narshingdi, Dhaka, Bangladesh
Duration: 3 weeks
Grade Obtained: A (3.75/4.00)

2019

TECHNICAL SKILLS

Programming	Python, C, MATLAB, Bash Scripting
Data Science	Pandas, Matplotlib, Scikit-Learn, Keras, Tensorflow
Office and Document Preparation	Office365, LibreOffice, G Suite, LaTeX, Overleaf
Modeling and Simulation	Aspen HYSYS, DWSIM, OpenFOAM, ParaFOAM
Cheminformatics	DeepChem, RDkit
Others	Linux, Github, Docker, DavinciResolve, HTML5, PowerBI