

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 Feb 2020 - Dec 2020

Supervisor: Dr. Engr. Salma Akhter

(Journal Paper yet to be published)

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

2016 - 2022

Shahjalal University of Science and Technology, Sylhet

CERTIFICATIONS

- ✓ Deep Learning Specialization, Coursera (5 courses) – September 2020
- ✓ Applied Data Science with Python Specialization, Coursera (3 completed out of 5 courses) – August 2020
- ✓ Python 3 Programming Specialization, Coursera (5 courses) – July 2020
- ✓ Open-Source Software Development Linux and 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

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
Open-Source Development	Linux, Github, Docker
Others	Davinci Resolve, Gimp, HTML5, PowerBI

TEACHING EXPERIENCE

Private Tuition

- Tutored more than 10 students of various classes
- Mostly taught high school Math, Physics, Chemistry, and IT

2016 - Present

INDUSTRIAL TRAINING

❖ Industrial Process Unit Operation and Process Control Technique

Training Institute for Chemical Industries, Narshingdi, Bangladesh

2019

Duration: 3 weeks

Grade Obtained: A (3.75/4)

❖ Industrial Visit to Kailashtilla Gas Field

- Watched the day to day running of the industry
- Examined various unit operations and unit processes
- Investigated the total production over the years and created a production forecast

2019

EXTRA-CURRICULAR ACTIVITIES

- IT Support Specialist at Al Rajhi Fashion and Al Rajhi Travels (2022 - Present)
- Voluntary Blood Donor (2016 - Present)
- YouTube Content Creator (2021 - Present)
- Co-founder and Midfielder of FC Classic XI (2013-2014)
- High School Annual Sports Volleyball Champion (2012)

LINGUISTIC PROFICIENCY

Bangla: Native

English: Fluent

Arabic: Novice Reader

REFERENCE

Dr. Engr. Salma Akhter

Professor

Chemical Engineering and Polymer Science
Shahjalal University of Science and Technology
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Dr. Md. Mostafizur Rahman

Associate Professor

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