Mostafa Ahmed Annur

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🪪 Profile

I aspire to enhance my expertise in Machine Learning, AI, Computer Vision, AI-based security, and Data Analysis. I seek opportunities to learn and work in these dynamic fields, blending my passion for continuous learning with practical application. Leveraging my current experience in teaching computer programming to secondary and higher secondary students, I aim to contribute to innovative projects while expanding my knowledge and skills in these cutting-edge technologies.

💼 Professional Experience

Science Instructor   2019 – 2024 | Mymensingh
Lyceum Academic Care (Part Time)
Teaching Physics, Chemistry, Mathematics, and Information Technology to secondary and higher secondary students.

Regional Manager   2017 – 2020 | Mymensingh
RIGHT IT (Part Time)
Working for digitalization in the educational system of rural areas by teaching them the uses of the Internet and MS Office features.

🎓 Education

Masters in Computer Science and Engineering   Mymensingh
Jatiya Kabi Kazi Nazrul Islam University
CGPA - 3.33 out of 4.00 (2024)

Bachelor in Computer Science and Engineering   Mymensingh
Jatiya Kabi Kazi Nazrul Islam University
CGPA - 3.18 out of 4.00 (2022)

Higher Secondary Certificate   Mymensingh
Shahid Syed Nazrul Islam College
GPA - 5.00 out of 5.00 (2016)

Secondary School Certificate   Mymensingh
Bhaluka Pilot High School
GPA - 5.00 out of 5.00 (2014)

Certificates

- Machine Learning Specialization ⌁
- Applied Machine Learning in Python ⌁
- Mathematics for Machine Learning: Linear Algebra ⌁
- Introduction to Data Science in Python ⌁
- Azure DevOps Boards ⌁
- AWS S3 Basics ⌁

Projects

Deep Learning Based Image Segmentation and Object Localization   2025
A system that detects people in an image or detects expression from image postures
– Tools & Technologies: Google Colab, PyTorch, OpenCV
– Vision: To use this method in future work on image processing(i.e., medical imaging, pattern recognition, etc.)

Customer Account Keeping Probability Prediction Using ANN   2025
A system that can predict the behavior of the customer about keeping or closing their account
– Tools & Technologies: Google Colab, Neural Networks, OpenCV
– Vision: To use this method in future works on binary classification algorithms.

Sign Language Recognition Using Deep Learning   2024
– Converting hand gestures to text and input text to related sign
– Tools & Technologies: VScode and Pycharm software with cvzone, Mediapipe, Tensorflow, Pytorch, and YOLOv8 model.
– Putting ease in communication among deaf and mute people with normal people who don't know sign language

Hand Written Digit Recognition   2024
A system that can recognize handwritten English digits
– Tools & Technologies: Google Colab, CNN, OpenCV
– Vision: To use this method in future works on different types of handwritten symbol recognition.

Colour Sorter Machine   2022
– A machine which can sort objects by its colour
– Tools & Technologies: Arduino,Colour Sensor
– To boost productivity in different industrial product sorting

Pong Game   2019
– A Table tennis game which can be played Multiplayer or with a computer
– Tools & Technologies: Java using Netbeans
– A game which is fun to play

Skills

Languages:
C, C++, Python, HTML, Javascript, SQL.

Cognitive Factor:
Problem-solving, Troubleshooting, Leadership, Social and co-operative.

Frameworks
Scikit-learn, TensorFlow, PyTorch, OpenCV, Scipy, Ultralytics.

Developer Tools:
Visual Studio Code, Colab, Kaggle, CursorAI, Github Copilot, Arduino, MATLAB, Power BI.

Cloud Platform
Jira, Azure, AWS, Google Cloud

Organizations

Bornohin   2017 – present | Mymensingh
Accountant
Voluntary work for blood donation, helping poor & keeping clean environment.

Mid-day Programming Club, JKKNIU   2021 – 2022 | Mymensingh
Secretary
Organizing programming contests and training members for national contests.

Bhaluka Students Association, JKKNIU   2020 – 2022 | Mymensingh
Vice President
Helping Students of Bhaluka to achieve their rights.

Career & Skill Development Club, JKKNIU   2018 – 2022 | Mymensingh
Founding Member
Prepare students for the future job market by organizing seminars and workshops.

Languages

Bengali, English, Hindi

References

Dr. Mst Jannatul Ferdous, *Professor,* Jatiya Kabi Kazi Nazrul Islam University
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Dr. Tushar Kanti Saha, *Professor,* Jatiya Kabi Kazi Nazrul Islam University
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