Saimum Reza Siam

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📍 20/2, Tajmahal road, Mohammadpur, Dhaka ◯ https://github.com/DragzterX

in linkedin.com/in/saimum-reza-siam-a77760229

👤 PROFILE

Computer Science graduate with experience in Python, PyTorch, and deep learning, including thesis work on ConvNeXt–Vision Transformer hybrid models for medical imaging. Skilled in data preprocessing, model evaluation, and deploying ML pipelines, with a strong foundation in DSA and collaborative software development.

🧠 SKILLS

Programming Languages: Python (Proficient), C (Basic)

Machine Learning & AI: PyTorch, Scikit-learn (Basic), Deep Learning, Computer Vision, Model Evaluation, DSA

Data Analysis & Processing: Pandas, NumPy

Databases: SQL/MySQL, MongoDB

Cloud & Tools: AWS (Basic), Git, Agile/Scrum

Web Development: MERN Stack (MongoDB, Express, React, Node.js)

Soft Skills: Teamwork, Adaptability

Languages: English (Fluent), Bangla (Native)

📁 PROJECTS

Unsupervised Clustering of MNIST Dataset Using Convolutional Autoencoder and K-Means
Built an unsupervised MNIST clustering model using a Convolutional Autoencoder and K-Means
https://github.com/DragzterX/Cse425_project ⊡

🎓 EDUCATION

Bachelor of Science in Computer Science,
BRAC University
02/2021 – 06/2025 | Dhaka, Bangladesh
- Graduated : June 2025
- **CGPA** : 3
- **Courses**: Data Structures, Algorithm Analysis & Design, Machine Learning, Artificial Intelligence, Neural Networks, Database, Software Engineering, System Analysis and Design

HSC (English Version),
Dhaka Residential Model College
2018 – 2019 | Dhaka, Bangladesh
Dhaka board | Passed : 2020 | GPA : 5.00 | Group : Science

SSC (English Version),
Dhaka Residential Model College Dhaka board
2016 – 2017 | Dhaka, Bangladesh
Dhaka board | Passed : 2018 | GPA : 4.61 | Group : Science

🧩 THESIS

A Hybrid Deep Learning Approach with ConvNeXt and Vision Transformers for Detecting Schizophrenia in MRI Scans
Used 4D fMRI(small dataset of 146 images) on a new tailored hybrid model, which was an untouched topic, and got average 91% accuracy with 0.9(approx) AUC-ROC and F1-score https:// ⊡ github.com/DragzterX/Thesis_Project_Bachelors ⊡

🧩 PERSONAL INFORMATION

Name : Saimum Reza Siam
Date of Birth : 25 May, 2001
NID : 151 125 2940
Gender : Male
Blood Group : B+ve
Religion : Islam

Restaurant Management Website

Allows users in a restaurant to scan QR code and order their food via website reducing the need for waiters or long lines for food ordering. MERN https://github.com/DragzterX/Restaurant_Management_cse471 ⬀

Finance tracker Website

It helps users to record personal finance, track earning and expense, set goals for expense and many more. MERN https://github.com/DragzterX/Finance_Tracker_CSE470_project ⬀

Daily Task Scheduler

08/2025 – Present

An app which can be used to schedule daily life tasks by self-input or by using integrated AI's help. Using MERN, Flutter, AI.(Under development) https://github.com/DragzterX/Daily_Task_Scheduler ⬀