

Saimum Reza Siam

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📍 20/2, Tajmahal road, Mohammadpur, Dhaka 🌐 <https://github.com/DragzterX>

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👤 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** : 2.99
- **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 