



SUNANDA BISWAS

Dhaka, Bangladesh

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[GitHub](#) || [LinkedIn](#)

WORK EXPERIENCE

July2023-October2023

Machine Learning Engineer

Fixelsgraphix Limited

- Fraud detection modeling, Anti-money Laundering models

April2023- June2023

Data Annotator

Orboroi

- Worked with data annotation tools
- worked on medical imaging datasets

July2022 - March2023

Junior Data Scientist,

Be Data Solutions Limited

-Data Science Company, Bangladesh

- Worked with big data framework, Pyspark on Databricks platform
- Customer behavior analysis using unsupervised clustering methodology
- Descriptive analysis, Time based Cohort Analysis

March2021 – January2022

Data Analyst, Pyceptron

– Information Technology Company, Bangladesh

- Analyzing data to find business needs, making decisions, supply demand using Google Studio, PowerBI

SKILLS

PROGRAMMING LANGUAGES

- Python (Core), R
- Java (Familiarity)
- SQL : DDL & DML Operations, RDBMS
- HTML & CSS

TOOLS

- Jupyter Notebook, Google Colab, Spyder
- Data reporting & Data Visualization Tools: Looker Studio, Google Analytics, PowerBI, Tableau, Excel, SPSS, Bigquery
- MySQL, SQLite, PostgreSQL

SOFT SKILLS

Dedication, Consistency, Leadership, Problem Solving

LANGUAGES

- English (Professional Working Proficiency)
- Bengali (Native Proficiency)

PROJECTS

Machine Learning & Data Analysis Projects:

Alzheimer's Disease Prediction using Brain Images in multiclass image classification approach [[See Project](#)]

Fake News Classification System [[See Project](#)]

Geospatial Data Analysis using Zomato Restaurants dataset [[See Project](#)]

Rainfall prediction for the next day [[See Project](#)]

Diabetes Prediction model based on medical records [[See Project](#)]

Predictive Analysis on Future Sales [[See Project](#)]

Sentiment Analyzer system with Twitter API data [[See Project](#)]

Stroke Prediction Model [[See Project](#)]

EDUCATIONAL BACKGROUND

BRAC University, Dhaka, Bangladesh
M.Sc in Computer Science & Engineering
(January 2024 - December 2024)

BRAC University, Dhaka, Bangladesh
B.Sc in Computer Science & Engineering,
CGPA 3.21/4.0
(January 2017 - September 2021)

Savar Cantonment Public School & College
HSC, GPA 5.0/5.0
(2014 – 2016)

Savar Cantonment Public School & College
SSC, GPA 5.0/5.0
(2013 – 2014)

ACADEMIC RESEARCH

Estimation of air pollutants emissions in Bangladesh using Machine Learning

Multi-modal Hate Speech Detection from Video Content (Ongoing)

Abusive Text Classification in Bengali transliterated speeches from English using Deep learning (Ongoing)

Accuracy and Interpretability: Developing a Computer-Aided Diagnosis System for Pneumonia Detection in Chest X-Ray Images (published)

CERTIFICATION

- SQL: Data Reporting and Analysis, LinkedIn Learning | 2021
- Exploratory Data Analysis (EDA) for Machine Learning, UDEMY | 2021
- Machine Learning from Basics to Advanced, UDEMY | 2021
- Machine Learning using Python Programming, UDEMY | 2021
- Software Design: Modeling with UML, LinkedIn Learning | 2023
- Business Analysis Foundations, LinkedIn Learning | 2023

EXTRA-CURRICULAR ACTIVITIES

- Certificate of Appreciation for Active Contribution as Assistant Director: BRAC University Computer Club (BUCC), Finance Department | 2021
- Promoted as Assistant Director, BRAC University Computer Club (BUCC), Finance Department | 2019-2020
- Volunteering in the event BRACATHON 3.0 organized by BRAC | 2019
- Certificate of Participation: Animated Film Making | Residential Campus Activity, BRAC University | 2017

REFERENCE

Dr. Muhammad Iqbal Hossain

Assistant Professor

Department of Computer Science and Engineering

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Md. Saiful Islam

Senior Lecturer

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