

URMI SEN

@ urmisen1202@gmail.com ☎ +8801630564966 in linkedin.com/in/urmi-sen-78a821149/
🌐 github.com/urmisen 🌐 https://urmisen.github.io/portfolio/
📍 Sector- 14, Uttara, Dhaka-1230, Bangladesh



EXPERIENCE

Data Scientist I

Shikho Technologies Bangladesh LTD

📅 June 2022 – Present

- Analytics : Performing data extraction, cleansing, and analysis from various database systems, including PostgreSQL and MySQL.
- Analytics : Producing informative reports with effective visualizations, and deep dive into performance issues and providing actionable insights.
- Analytics : Integrating data from multiple sources into Tableau and using it to perform data analysis and develop data-driven visualization for business stakeholders.
- Analytics : Developing dashboards that provide insights about product and respective content performance based on different parameters.
- Analytics : Developing sales and revenue tracking dashboards which shows various insights from data that can monitor the sales against the target.
- Automation : Employing Python in combination with PostgreSQL and MySQL to automate a range of business tasks and modules.
- Data Engineering & Automation : Creating automated data engineering pipelines for extracting and storing various campaign data.
- Analytics & AI : Conducting cluster analysis on the user base and making the system operationally executable.
- Assisting sales force to take right steps from analytics based measurements.

Undergraduate Research Student

Machine Learning Research Group

📅 Aug 2019 – April 2021

- Acquired knowledge on the concepts and implementation requirements of both machine learning and deep learning techniques.
- Co-authored a research paper under the guidance of Dr. Md. Al Mehedi Hasan Sir, Professor at the Department of Computer Science Engineering, Rajshahi University of Engineering & Technology.(Link)

EDUCATION

B.Sc. in Computer Science Engineering

Rajshahi University of Engineering Technology (RUET)

📅 2016 – 2021

📍 Rajshahi, Bangladesh

- CGPA: 3.38 out of 4.00

SKILLS

- Domains: Data Analytics, Data Extraction, Structuring and Modeling, Machine Learning
- Programming Languages : C/C++, Python, MySQL, PostgreSQL, CSS/HTML
- Tools : Git, MATLAB, Excel, Google Sheets, Tableau, Metabase,
- Interpersonal Skills : Communication Skill, Teamwork, Management, Problem Solving.
- Languages :
English: Full professional proficiency
Bengali: Full professional proficiency

PROJECTS

Programming

- OOP & Data Structure. (Link)
- Basics of python programming. (Link)
- Data manipulation and data visualization with python. (Link)

Exploratory Data Analysis & ML Model Implementation

- Extracted, cleaned and analyzed different sort of dataset and pre-process it to generate final dataset.
- Machine Learning problems where exploratory data analysis along with predictive model implementation has been reflected here. (Link)

Machine Learning Implementations

- All implemented Machine Learning projects and learnings from different ML courses and blogs are reflected here. (Link)
- Solved problems from "The Sparks Foundation" task-list, utilizing a range of machine learning techniques to achieve successful outcomes. (Link)

Sequence data classification using CNN

- Built a CNN model to predict PTM sites in protein sequences using Keras .Further cross validation also held to evaluate the performance of the model. (Link)

PUBLICATIONS

DeepGlut: A Deep Learning Framework for Prediction of Glutarylation Sites in Proteins

- Urmi Sen , Md. Al Mehedi Hasan.
- DOI : 10.1109/TEN-SYMP50017.2020.9230866