URMI SEN

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EXPERIENCE

Junior Data Analyst
Shikho Technologies Bangladesh LTD

🗓 June 2022 – Present

- Extracting, cleaning,Querying, and summarizing data from PostgreSQL databases to be able to meet business requirements.
- Analyzing external and internal customer data using database queries (SQL,postgresSQL), spreadsheet (Excel,google sheets) models, Business Intelligence(BI) tools(metabase, tableau), and campaign management software tools(cleverTap).
- Produce meaningful reports, visualizations, and predictive models for various departments throughout the company.

Data Science & Business Analyst Intern
The Sparks Foundation

🗓 April 2021 – June 2021

- Learned how to solve different real life problems through machine learning techniques. (Link)

Undergraduate Research Student
Machine Learning Research Group

🗓 Aug 2019 – April 2021

- Published a research paper under the supervision of Dr. Md. Al Mehedi Hasan Sir, Professor, Department of Computer Science Engineering, Rajshahi University of Engineering Technology. (Link)

SKILLS

C/C++, Python, MySQL, PostgreSQL
Laravel, Django
Metabase, Tableau, CleverTap
Machine Learning, Tensorflow, Scikit-learn

CERTIFICATIONS

- Exploratory Data Analysis in Python. (Link)
- Data Visualization with Python , IBM. (Link)
- Introduction to Machine Learning, Kaggle. (Link)
- Introduction to Natural Language Processing in Python, Datacamp.(Link)
- Neural Networks and Deep Learning , DEEPLEARNING.AI, Coursera. (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

PUBLICATIONS

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

- Urmi Sen , Md. Al Mehedi Hasan.
- Accepted and presented in TENSYMP 2020.
- DOI : 10.1109/TENSYMP50017.2020.9230866

PROJECTS

Programming

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

Lab Automation System

- It's a "Lab Automation" system with features like which lab have how many computer with configuration of those computers and one can know which applications are installed on that computer by one click.
- php laravel framework was used. (Link)

Student- Faculty Management System

- It's a system where a faculty member can manage students profile by adding, editing and deleting data, can publish class test marks and result etc and student can create and handle their accounts and get the notifications.
- Python Framework Django was used. (Link)

Machine Learning Implementations

- All my implemented Machine Learning projects. All implemented Machine Learning projects and learnings from different ML courses and blogs are reflected here. (Link)
- All my implementions from The Sparks Foundation task-list till now with diiferent Machine Learning Techniques. (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)

LANGUAGE

Bangla
English