

NUSRAT JAHAN MARJANA

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Profile Summary:

I am Nusrat Jahan Marjana. I completed my B.Sc. in Computer Science and Engineering from Daffodil International University. Adept in research, innovation, project management, and preparing well-researched documents. Skilled in time management, Strong decision making, content writing, team management etc. Also experienced in creative writing, academic works and leadership. I am an ambitious person. I try hard and soul to finish my task as soon as possible and try to learn new works.

Career Objectives:

To get an opportunity where I can make the best of my potential and contribute to the organization's growth.

EXPERIENCE:

Junior Researcher

DIU NLP and ML Research Lab

2021-present

IT Officer

Purbani Textile Group

Head office

2023(Jan) - Present

EDUCATION AND QUALIFICATION:

Bachelor's Degree

Institute Name : Daffodil International University

Subject : B.Sc. in CSE

CGPA : 3.94 (Out of 4)

Passing Year : 2019 - 2023

Higher Secondary Certificate (HSC)

Institute Name : Dr. Mahbubur Rahman Mollah College

Subject : Science

CGPA : 3.83 (Out of 5)

Passing Year : 2016 - 2018

Secondary School Certificate (SSC)

Institute Name : Sher-E-Bangla Balika Mahavidyalaya

Subject : Science

CGPA : 4.83 (Out of 5)

Passing Year : 2014 - 2016

PROJECT/THESIS:

Project:

1. **Phonebook** (C++)

This is a mini project of a phone book system which is a method of communicating with a person using a communication device such as a cell phone. The user defines some rules for the person such as adding new contact, viewing contact, editing contact, searching and deleting contact etc. This project will make the alphabetical order automatically & also convert the first letter of name into capital letter if anyone makes a mistake.

2. **Library Management system** (Html, CSS, Javascript, Python, Django)

*The name of the project is **Gray Sense** which is a dynamic (CMS) Website. It is a Library Management System where Staff can manage Books and Student details. Students can borrow any kind of book and must return it within 15 days. If they fail to return, then they will have to pay a fee. The system is always open and the system is very fluent.*

3. **Supershop Management system** (C)

This is a simple Supermarket management system which is mainly used by the people who use the supermarket. There are two separate parts for author or manager and Customers. Authors can use many features such as add, update, delete and alter products and total count. Customers can see the product list, add to cart, delete from cart, see the total cost etc

4. **Supermarket sales prediction** (Python)

This project is based on Data visualization where datasets are collected from Kaggle, named "Supermarket Sales Prediction". The main goal of this project was to find out the change of selling rate, which products are the best selling products, and which product customers want to restock in 2019.

5. **University Networking System**

*This project is based on Computer Networking which is **A University Networking system**. Here I use Cisco Packet tracer as a networking Tool. There are a total 13 networks where 208 Pc, 40 Switch and 5 Router are connected. Then Send data from Host to destination and if this one is successful after that send the next packet which is the main goal of this project.*

6. **Reflecting Mood** (Graphics design)

This project is designed uniquely where the glasses of one sunglass reflects the day and night mood.

Thesis:

1. **Thesis Title : Extract the Main Context of Long Bengali Articles in the Short Form Using Sequence to Sequence Model: An Abstractive Approach**

The main goal of Bengali abstractive text summarization is to find important information from a given text. It will compress documents by removing unnecessary information and will

give a clear understanding of the original text. By using an automatic text summarization model, summary can be generated very quickly. It will save the users reading time.

2. Title : M82B at CheckThat! 2021: Multiclass fake news detection using BiLSTM

I participated in the fake news classification shared task of CheckThat! 2021 workshop. The obtained the dataset from this event to train and evaluate our model. I used Bi-directional Long Short-Term Memory (BiLSTM) to predict whether the news is either fake or true.

3. Title : A Method for Bengali Author Detection using State of the Arts Supervised Machine Learning Classifiers

This article focuses on the State of Arts Supervised technique to identify the authorship from the given Bangla text. As our work is multi-class classification, we can use it to determine who is most likely the creator of articles, news, or messages.

4. Title: A BiLSTM Approach for Automated Bangla Book Genre Classification Based on Flap Text

Recently worked on this paper.

LANGUAGE PROFICIENCY:

Bangla (Native) : Excellent Command in reading, writing and speaking.

English : Good Command in reading and writing.

ACHIEVEMENTS:

1. In Recognition of Scholarly Publication in Reputed Indexed Journal (2021) -M82B at CheckThat! 2021: Multiclass fake news detection using BiLSTM.

2. A Method for Bengali Author Detection using State of the Arts Supervised Machine Learning Classifiers (Accepted in A2IA).

KEY SKILLS:

- 1. Programming Language :**C, C++, python
- 2. Web Design:** Html, CSS.
- 3. Computer networking**
- 4. Research :** Machine learning and Deep learning .
- 5. Data analysis and Visualization**
- 6. Computer networking:** Design network, server connection.
- 7. Project management**
- 8. Strong decision maker**

COMPUTER LITERACY:

Operating System: Linex(Ubuntu) [Beginner]

Computer Network: Routing, Hardware configuration and management ,Server maintenance and IT support.

MS Office: MS Word, MS PowerPoint, Excel

Version Control : Git & Github.

IDE : Google Colab, Jupyter Notebook, Vscode.

Other: PowerBI, Cisco Packet tracer,Tinker

PERSONAL INFORMATION:

Name	: Nusrat Jahan Marjana
Fathers Name	: Md. Mofizur Rahman
Mothers Name	: Yesmin Akter
Nationality	: Bangladeshi
Date of Birth	: 05 November 2000
Marital Status	: Unmarried

REFERENCES:

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