



Md. Nasif Sarwar

Career Objective

Eager final-year Data Science student, adept in programming languages, **ML libraries**, and **data analysis tools**. Seeking internship opportunities to apply skills in software development and ML integration while contributing to impactful projects. Familiar with cybersecurity through thesis work on hybrid deep learning for **network intrusion detection**. Passionate about continuous learning and innovation in data science.

Education

Bachelor of Science in Software Engineering | 2024 Daffodil International University

Major: Data Science

CGPA: 3.94 out of 4.00

Higher Secondary School Certificate (HSC) | 2018 Birshereshtha Noor Mohammad Public College

Group: Science

GPA: 3.58 out of 5.00

Secondary School Certificate (SSC) | 2016 Birshereshtha Noor Mohammad Public College

Group: Science

GPA: 4.28 out of 5.00

Internship Experience

Somikoron AI, Dhaka, Bangladesh (Remote)

Data Science Intern

Jan 2024 - April (4 months)

- Lead the development and deployment of advanced web scraping algorithms for Somikoron AI.
- Conduct data collection, cleaning, and analysis for data science projects.
- Integrate machine learning models into collected data for enhanced analytics.
- Optimize data processing pipelines for efficiency and scalability.
- Stay updated on latest web scraping, data science, and ML advancements for platform enhancement.

Contact

+880 1610-633111

md.nasifsarwar@gmail.com

linkedin.com/in/nasifsarwar

github.com/NasifSarwar

Dhaka, Bangladesh

Language

- ✓ Bangla
- ✓ English
- ✓ Spanish (basic)

Skills Summary

- Programming: C/C++, Python, R, SQL, Java, HTML, CSS, PHP
- Machine Learning Libraries: Scikit-learn, TensorFlow, PyTorch
- Data Analysis Tools: Pandas, NumPy, Matplotlib
- Visualization: Tableau, Power BI, Jupyter Notebook
- Database: MySQL
- Soft Skills: Excellent verbal and written communication skills, Proficient in Microsoft Office suite (Word, Excel, PowerPoint), Google Sheet, Etiquette Email Writing

Courses

- Neural Networks and Deep Learning by DeepLearning.AI (Coursera)
- Foundations of Data Science by Google (Coursera)
- Machine Learning Fundamentals
- Artificial Intelligence Principles
- Data Science Essentials
- Statistical Analysis Techniques
- Management Information Systems Applications

Core Capabilities

- Proficient in a diverse range of programming languages, including C/C++, Python, R, SQL, Java, HTML, CSS, and PHP.
- Skilled in leveraging machine learning libraries such as Scikit-learn, TensorFlow, and PyTorch to develop advanced models and algorithms.
- Experienced in data manipulation, analysis, and visualization using tools like Pandas, NumPy, Matplotlib, Tableau, Power BI, and Jupyter Notebook.
- Competent in database management with expertise in MySQL, ensuring efficient data storage and retrieval.

Interests

- Kaggle Competition
- Exploratory Data Analysis
- Competitive Programming
- Artificial Intelligence
- Football, Anime

Projects & Competition

- **Thesis (Running):** Evaluating Hybrid **Deep Learning** Approaches for **Network Intrusion Detection** on Imbalanced Datasets
- **Robi Datathon 3.0:** Actively participated in data analysis and **predictive model** implementation.
- **Intra University Programming Contest**
- **Fosol:** Ranked in the top 30 out of 1000+ projects in the Mujib 100 Idea Competition in 2021.
- **Training Portal:** Implemented with Laravel for academic purposes.
- **DaamDor:** Implemented in Java for comparing market prices of products.
- **Travel Guide:** Implemented in C as a guidebook for tourists.

Extra Curricular Activities

- Solved over **200 problems** in different platforms.
- Serving as the Office Secretary for the Data Science Club at DIU, facilitating smooth operations and fostering a collaborative environment.
- Played a pivotal role in organizing various hackathons and cultural events, contributing to the vibrant student community at DIU.
- Actively participated in workshops, including the **MIST LeetCon 2023**, Bangladesh's inaugural **cybersecurity conference**, gaining insights into emerging trends and best practices.
- Engaged in the Data Science Summit organized by the Data Science Lab at DIU in both 2021 and 2022, enriching knowledge and networking with industry professionals and peers.

Declaration

I hereby declare that all the information contained in this resume is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.

Sincerely

Md. Nasif Sarwar