

Curriculum Vitae

Nisharga Nirjan

Personal Info

Name: Nisharga Nirjan

Nationality: Bangladeshi

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Email: nisharga.nirjan@g.bracu.ac.bd (Institutional)

nirjannisharga@gmail.com (Personal)

LinkedIn Profile: [linkedin.com/in/nisharga-nirjan-89217a186](https://www.linkedin.com/in/nisharga-nirjan-89217a186)

GitHub Profile: <https://github.com/Nisharga-Nirjan>

Google Scholar Profile:

<https://scholar.google.com/citations?user=aOV9vjwAAAAJ&hl=en>

Webpage: <https://nisharga-nirjan.github.io/portfolio/>

Career Objective

My goal is to dive deep into the world of research and discover more about the coexistence of life and artificial intelligence. Alongside that, I intend to excel in the academic field, not just for myself, but also to learn how to best guide the newcomers to shine wherever they have potential.

Research Interests

AI, Machine Learning, Deep Learning, Explainable AI, Computer Vision, NLP, Data Science.

Education

Bachelor of Science (B.Sc.) in Computer Science and Engineering	Nov 2019 –
School of Data and Sciences	May 2024
Department of Computer Science and Engineering	CGPA:
BRAC University	3.72 / 4.00
Dhaka, Bangladesh	

Higher Secondary School Certificate (H.S.C)	2017 -
Science Stream	2019
Birsreshtha Munshi Abdur Rouf Public College	GPA:
Dhaka, Bangladesh	4.50 / 5.00

Secondary School Certificate (S.S.C)	2012 -
Science Stream	2017
Dhanmondi Govt. Boys High School	GPA:
Dhaka, Bangladesh	5.00 / 5.00

Publications

- Automated Detection of Malignant Lesions in the Ovary Using Deep Learning Models and XAI.
(Ongoing Publication)
- Student Perspectives of the Value of General Education in Professional Studies: Investigating a Law School in Bangladesh.
(Ongoing Publication)

Theses

- Ifty, M. H. S., **Nirjan, N.**, Diganta, M. A., Islam, L., Ornate, R. A., Islam, M. S., & Tasnim, A. (2024). *Automated detection of Malignant Lesions in the ovary using deep learning models and XAI* [BSc Thesis, BRAC University]. BracU IR. <https://dspace.bracu.ac.bd/xmlui/handle/10361/22877>

Awards & Achievements

BRAC University

May 2024

Dhaka, Bangladesh

- **Consecutive Merit Based Scholarships: 7** (Summer 2021, Fall 2021, Spring 2022, Summer 2022, Fall 2022, Spring 2023, Summer 2023)
- **Dean's List: 1** (Fall 2020)
- **VC's List: 4** (Spring 2021, Summer 2021, Fall 2021, Summer 2022)

Liberal Arts and Sciences (LAS) Collaborative

Oct 2023

Collaboration with OSF, OSUN, Parami University and BRAC University

Washington DC, 20036

- **\$2000 Grant received as a Co-Author for the research proposal titled “Student Perspectives of the Value of General Education in Professional Studies: Investigating a Law School in Bangladesh”**

East West University

Aug 2023

Dhaka, Bangladesh

- **Finalist in Story Writing Section (English) for the competition titled “Inter-University Inkspiration: A Creative Writing Showdown with EWUECC”**

Technical Skills

Languages

- Python
- Java
- HTML

- PHP
- CSS
- Verilog HDL
- JavaScript
- C++

Database Management

- MariaDB
- MySQL

Tools

- Microsoft VS Code
- Jupyter Notebook
- IntelliJ IDEA
- Spyder
- PyCharm
- Google Colab

Professional Experience

Lead Technical Researcher

Oct 2023 -

Open Society Funded Project

June 2024

Dhaka, Bangladesh

In Collaboration with-

1. Open Society Foundations (OSF)
2. Open Society University Network (OSUN)
3. Liberal Arts and Science Collaborative (LAS)
4. Parami University
5. BRAC University

Project Title: "Student Perspectives of the Value of General Education in Professional Studies:
Investigating a Law School in Bangladesh"

Student Tutor / Undergraduate Teaching Assistant

Jan 2023 -

Course: CSE111 (Introduction to Programming-II)

Dec 2023

Language: Python

Semesters: Spring 23, Summer 23, Fall 23

BRAC University

Dhaka, Bangladesh