*Curriculum Vitae*

# Nisharga Nirjan

## Personal Info

**Name:** Nisharga Nirjan

**Nationality:** Bangladeshi

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

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**LinkedIn Profile:** linkedin.com/in/nisharga-nirjan-89217a186

**GitHub Profile:** https://github.com/Nisharga-Nirjan

**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 |

# Research and Publications

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  (Unpublished)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  (Unpublished)

# Awards & Achievements

**Liberal Arts and Sciences (LAS) Collaborative**                    Oct 2023 -

Collaboration with OSF, OSUN, Parami University and BRAC University          June 2024

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"**

**BRAC University**                    Nov 2019 -

Dhaka, Bangladesh                    May 2024

- **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)

**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
- JavaScript
- CSS
- C++
- Verilog HDL

**Database Management**

- MariaDB
- MySQL

**Tools**

- Microsoft VS Code
- IntelliJ IDEA
- PyCharm
- Jupyter Notebook
- Spyder
- 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**                                                Jan 2023 -

Course: CSE111 (Introduction to Programming-II)                Dec 2023

Language: Python

Semesters: Spring 23, Summer 23, Fall 23

BRAC University

Dhaka, Bangladesh