

# *Curriculum Vitae*

## **Nisharga Nirjan**

### **Personal Info**

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**Name:** Nisharga Nirjan

**Nationality:** Bangladeshi

**Phone:** +8801775464831

**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**

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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**

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

## Education

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<b>Bachelor of Science (B.Sc.) in Computer Science and Engineering</b>	Nov 2019 –
School of Data and Sciences	May 2024
Department of Computer Science and Engineering	CGPA:
BRAC University	3.72 / 4.00
Dhaka, Bangladesh	
 <b>Higher Secondary School Certificate (H.S.C)</b>	 2017 -
Science Stream	2019
Birsreshtha Munshi Abdur Rouf Public College	GPA:
Dhaka, Bangladesh	4.50 / 5.00
 <b>Secondary School Certificate (S.S.C)</b>	 2012 -
Science Stream	2017
Dhanmondi Govt. Boys High School	GPA:
Dhaka, Bangladesh	5.00 / 5.00

## Publications

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- Ifty, M. H. S., **Nirjan, N.**, Diganta, M. A., Islam, L., Ornate, R. A., Tasnim, A., & Islam, M. S. (in press). Automated detection of Malignant Lesions in the ovary using deep learning models and XAI. *2025 4th IEEE International Conference on AI in Cybersecurity (ICAIC)*, February 2025, Houston, TX, USA.
- Abid, F. A., Kamal, M., **Nirjan, N.** (in press). Student Perspectives of the Value of General Education in Professional Studies: Investigating a Law School in Bangladesh. *Asian Journal of Legal Education*.

## Theses

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- 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

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### 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

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### 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

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### 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