Curriculum Vitae

Nisharga Nirjan

Personal Info

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

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

School of Data and Sciences

Department of Computer Science and Engineering

BRAC University

Dhaka, Bangladesh

Nov 2019 –
May 2024
CGPA:
3.72 / 4.00

Higher Secondary School Certificate (H.S.C)

Science Stream

Birsreshtha Munshi Abdur Rouf Public College

Dhaka, Bangladesh

2017 -
2019
GPA:
4.50 / 5.00

Secondary School Certificate (S.S.C)

Science Stream

Dhanmondi Govt. Boys High School

Dhaka, Bangladesh

2012 -
2017
GPA:
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

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