Curriculum Vitae

Nisharga Nirjan

Personal Info

Name: Nisharga Nirjan

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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/

Biography

Hi! My name is Nisharga and I'm an aspiring researcher who's continuously trying to unravel the mysteries in the field of Computer Science. I completed my B.Sc. in Computer Science and Engineering at BRAC University, graduating with High Distinction and earning multiple merit scholarships along with placements on both the Dean's and Vice Chancellor's Lists. During my undergraduate years, I served as a Student Tutor / Undergraduate Teaching Assistant, helping students strengthen their core programming and analytical skills.

Beyond my core discipline, I worked as a Lead Technical Researcher on a project

funded by the Open Society Foundations, where I explored the role of general education in professional studies.

Currently, I'm pursuing a Master of Science in Computer Science (Thesis) at the University of Saskatchewan as a fully funded international student, where I also serve as a Graduate Teaching Assistant. In addition, I work as a Research Consultant at the Bangladesh Society of International Law (BSIL).

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

Computer Science – Master of Science – Thesis   Sept 2025 -

College of Arts and Science   Present

Department of Computer Science

University of Saskatchewan

Saskatoon, SK, Canada

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)   2019

Science Stream   GPA:

Birsreshtha Munshi Abdur Rouf Public College   4.50 / 5.00

Dhaka, Bangladesh

Secondary School Certificate (S.S.C)   2017

Science Stream   GPA:

Dhanmondi Govt. Boys High School   5.00 / 5.00

Dhaka, Bangladesh

Publications

- Abid, F. A., Kamal, M., & **Nirjan, N.** (2025). Student Perspectives of the Value of General Education in Professional Studies: Investigating a Law School in Bangladesh. *Asian Journal of Legal Education*, *12*(2), 153-170. https://doi.org/10.1177/23220058251334748

- Ifty, M. H. S., **Nirjan, N.**, Islam, L., Diganta, M. A., Ornate, R. A., Tasnim, A., & Islam, M. S. (2025). Automated Detection of Malignant Lesions in the Ovary Using Deep Learning Models and XAI. *2025 IEEE 4th International Conference on AI in Cybersecurity (ICAIC)*, 1–8. https://doi.org/10.1109/ICAIC63015.2025.10848764

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. http://hdl.handle.net/10361/22877

Awards & Achievements

University of Saskatchewan   Sept 2025

Saskatoon, SK, Canada

- **Received full scholarship (Funding: $49,416.67) for the Thesis based master's program in Computer Science in the form of a University of Saskatchewan Faculty / Departmental Scholarship / Stipend together with employment hours.**

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

Database Management

- MariaDB
- MySQL

Tools

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

Professional Experience

Graduate Teaching Assistant
Sept 2025 - Present

Course: CMPT142 (Introduction to Computer Science for Engineers)

Language: Python

Semesters: Fall2025

University of Saskatchewan

Saskatoon, SK, Canada

Research Consultant
June 2025 - Present

Bangladesh Society of International Law (BSIL)

Dhaka, Bangladesh

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