

Faria Nishat Khan

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EDUCATION

Daffodil International University

March 2021

B.Sc. in Computer Science and Engineering

- CGPA **3.74** (On a scale of 4) - 2nd position in the class
- Related Coursework
 - Data Mining
 - Data Structures
 - Algorithms
 - Artificial Intelligence

Abdul Kadir Mollah City College

2016

Higher Secondary School Certificate

- GPA 5.0 (On a scale of 5)

Motijheel Govt Girls' High School

2014

Secondary School Certificate

- GPA 5.0 (On a scale of 5)

ENGLISH PROFICIENCY

IELTS	Overall 8.0	Listening- 8.5	Reading- 8.0	Writing- 7.0	Speaking- 7.5
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RESEARCH INTEREST

- Machine Learning
- Health Informatics
- Artificial Intelligence
- Natural Language Processing

PUBLICATION

- **F. Nishat Khan et al, "The Impact of Corona Pandemic on the E-Commerce Industry Using Data Mining,"** 2021 5th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2021, pp. 1755-1761, doi: 10.1109/ICCMC51019.2021.9418369.
- M. Umaid Hasan, **F. Nishat Khan et al, "Predicting Pancreatic Cancer Survival and Staging: A Machine Learning Approach"** IEEE CONFERENCE ON COMPUTING APPLICATIONS AND SYSTEMS (COMPAS 2024).
- Z. Zaman et al, **"Classifying CCTV Image for Road Accident Analysis Using Deep Learning Techniques"** IEEE CONFERENCE ON COMPUTING APPLICATIONS AND SYSTEMS (COMPAS 2024).

Submitted for Review (Peer reviewed conferences and journals)

- Advanced Deep Neural Network Based Techniques for Bangla Fake News Detection
- An Ensemble Machine Learning Approach to Predict Multi-disease with Real-life Application
- Analysis Of The Cycle Of Civilization In The Education Sector Between Village People And City People Of Bangladesh Using Data Visualization And Machine Learning.
- Machine Learning-Based Depression Prediction: Comparative Analysis of Models and Stacked Ensemble Approach

WORK EXPERIENCE

Lecturer

January 2022 - Present

Department of Computer Science and Engineering

Daffodil International University, DSC, Dhaka, Bangladesh

- Developed and delivered undergraduate courses in
 - Data Structures
 - Data Mining and Machine Learning

- Programming and Problem Solving
- Art of Living
- Employed innovative teaching methods, including gamified Teaching Learning, flipped classrooms, action based learning, student centric learning to enhance student engagement and comprehension.
- Advised and mentored students and alumnae on academic and career-related matters, fostering a supportive and collaborative learning environment.
- Supervised students in their final year projects providing research guidance and emotional support.
- As a Module leader designed and developed Outcome Based Course Curriculum, lecture notes, assignments, and assessments, ensuring Mapping with Course Outcome(CO) and Program Outcome (PO).

Teaching Assistant

February 2021 - December 2021

And Teaching Apprentice Fellow

Department of Computer Science and Engineering

Daffodil International University, DSC, Dhaka, Bangladesh

- Helped developing and delivering lectures
- Applied innovative and interactive teaching methods
- Counselling and mentored students with academic and emotional support.

LEADERSHIP EXPERIENCE

- Convener, DIU Girls Computer Programming Club (GCPC) **July 2023 - Present**
- Wing Advisor, DIU Girls Computer Programming Club (GCPC) **February 2023 - July 2023**
- Coach, Teaching Apprentice Fellowship, Human Resource Development Institute, Daffodil International University **January 2022 - December 2022**
- Artistic Director Music, Vocal and Instrument, All Star Daffodil Club, Daffodil International University. **July 2019 - December 2020**

SKILLS AND COMPETENCIES

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| <ul style="list-style-type: none"> ● Hard Skills <ul style="list-style-type: none"> ○ Python ○ PHP ○ C++ ○ C | <ul style="list-style-type: none"> ● Soft Skills <ul style="list-style-type: none"> ○ Public Speaking ○ Quick Learning ○ Creativity ○ Leadership ○ Teamwork |
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EXTRACURRICULAR EXPERIENCE

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| ● Organized ICPC Asia Regional Dhaka Site-2024 (to be) | 2024 |
| ● Instructor, International Online University(IOUS)- Instructor Profile | 2021-Present |
| ● Organized 20 seminars, 10 workshops, 8 contests and 1 olympiad | 2023-Present |
| ● Educational Content Creator, YouTube | 2021-Present |
| ● Program Organizer and Online program Anchor, “ For Teachers ” organized by Human resource Management Institute (HRDI). | 2021-2022 |
| ● Incharge of DIU CSE Sponsor Management Committee | 2023-Present |
| ● Participated in over 200 extracurricular events - Documentation | 2007-Present |