

# 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) - 2<sup>nd</sup> 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 <b>8.0</b>	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

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

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