FARIA NISHAT KHAN

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EDUCATION

2021	Bachelor of Science	Computer Science and Engineering	3.74 (on a scale of 4.00)	Daffodil International University	Dhaka, Bangladesh

PEER-REVIEWED PUBLICATIONS

1. Md Umaid Hasan, **Faria Nishat Khan**, Hasnur Jahan, Zahura Zaman, Md Mizanur Rahman "**Predicting Pancreatic Cancer Survival and Staging: A Machine Learning Approach**" IEEE CONFERENCE ON COMPUTING APPLICATIONS AND SYSTEMS (COMPAS 2024), Chattogram, Bangladesh

2. Zahura Zaman, Mahadi Hassan Meraz, Sanzida Siddike, **Faria Nishat Khan**, Md Umaid Hasan, Md Mizanur Rahman **"Classifying CCTV Image for Road Accident Analysis Using Deep Learning Techniques"** IEEE CONFERENCE ON COMPUTING APPLICATIONS AND SYSTEMS (COMPAS 2024), Chattogram, Bangladesh

3. **F. Nishat Khan,** S. Rakesh Uddin, Y. Arafat Shampod and A. Sattar, **"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.

ENGLISH PROFICIENCY - IELTS (Academic)

Overall: 8.0	Listening: 8.5	Reading: 8.0	Writing: 7.0	Speaking: 7.5

PROFESSIONAL EXPERIENCE

1. | **January 2022 - Present** | **Lecturer** | **Daffodil International University** | **Dhaka, Bangladesh** |

- Developed and delivered undergraduate lectures in different courses. Such as,
  - Data Structures
  - Data Mining and Machine Learning
  - Programming and Problem Solving
  - Introduction to Biology and Chemistry for Computation
- Utilized innovative teaching methods like gamified learning, flipped classrooms, and student-centric approaches to boost engagement and comprehension.
- Advised students and alumnae on academic and career matters, fostering a supportive learning environment.
- Supervised 13 final-year students in Final Year Design Project(FYDP), offering research guidance and emotional support.
- Designed course materials as a Module Leader, ensuring alignment with Course Outcomes (CO) and Program Outcomes (PO).

2. | **February 2021 - December 2021** | **Teaching Assistant And Teaching Apprentice Fellow** | **Daffodil International University** | **Dhaka, Bangladesh** |

- Supported lecture development and delivery, enhancing course effectiveness.
- Applied innovative teaching methods to boost student engagement.
- Provided academic guidance and emotional support to students.

3. | **January 2019 - December 2020** | **Student Prefect (Volunteering TA position)** | **Daffodil International University** | **Dhaka, Bangladesh** |

- Assisted the course teacher in organizing and managing course delivery materials.
- Supported students during lab sessions, providing hands-on guidance.
- Provided academic support to students after class hours

PROFESSIONAL SERVICE ACTIVITIES

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

CONFERENCE/CONTEST/OLYMPIAD ORGANIZING COMMITTEE MEMBER

■ ICPC Asia Regional Dhaka Site-2024 (forthcoming)	November 2024
■ 4th International Robo Tech Olympiad 2024	October 2024
■ 2nd International Conference on Big Data, IoT and Machine Learning (BIM 2023)	September 2023
■ National Girls' Programming Contest 2022 - (NGPC 2022)	February 2023

LAB AFFILIATION

■ DIU NLP AND ML Research Lab	July 2023 - Present
■ DIU Health Informatics Research Lab (HIRL)	January 2024 - Present

EXTRACURRICULAR ACTIVITIES

■ Organized 20 seminars, 10 workshops, 8 contests and 1 olympiad - Documentation	2023 - Present
■ Instructor, International Online University(IOU)- Instructor Profile	2021 - Present
■ Educational Content Creator, YouTube	2021 - Present
■ Program Organizer and Online program Anchor, "For Teachers"	2021 - 2022
■ organized by Human resource Management Institute (HRDI).	
■ Participated in over 200 extracurricular events - Documentation	2007 - Present

RELEVANT PROFESSIONAL DEVELOPMENT ACTIVITIES

■ AI-Driven Key Opportunities for Academia & Industry: Agriculture and Healthcare	2024
■ Decoding High-Impact Journal Publication Success:	2024
■ The Editorial Perspective from Manuscript to Masterpiece	
■ Welcome to the CSE Frontier: Faculty Insights and Cutting-Edge Research	2024
■ Teaching, Research, and Service in the Contemporary World	2024
■ AI-Enhanced Teacher Training Program	2023
■ Fourth Industrial Summit on "Empowering Workforce for the Fourth Industrial Revolution (4IR): A case study for Employment in Bangladesh	2023
■ Teacher Training on "Making Interactive Video Lessons and Creating an Online Course"	2022
■ Workshop on "Digital Citizenship"	2022
■ Personal & Professional Development – Low-Cost Classroom Material Design	2021
■ Teacher Training on "Making Interactive Video Lessons and Creating an Online Course"	2021
■ Wisdom Learning Circle – Goal Setting	2021
■ Personal & Professional Development Training (10 trainings)	2021