

FARIA NISHAT KHAN

farianishatkhan@gmail.com | <https://farianishat.github.io/>

EDUCATION

2021	Bachelor of Science	Computer Science and Engineering	3.74 (on a scale of 4.00)	Daffodil International University	Dhaka, Bangladesh
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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. **Faria Nishat Khan**, Syed Rakesh Uddin, Yasir Arafat Shampod and Abdus 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
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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 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

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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 |

CONFERENCE/CONTEST/OLYMPIAD ORGANIZING COMMITTEE MEMBER

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| ■ 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

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

EXTRACURRICULAR ACTIVITIES

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| ■ 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 - শিক্ষকদের জন্য” organized by Human resource Management Institute (HRDI). | 2021 - 2022 |
| ■ Participated in over 200 extracurricular events - Documentation | 2007 - Present |

RELEVANT PROFESSIONAL DEVELOPMENT ACTIVITIES

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| ■ AI-Driven Key Opportunities for Academia & Industry: Agriculture and Healthcare | 2024 |
| ■ Decoding High-Impact Journal Publication Success: The Editorial Perspective from Manuscript to Masterpiece | 2024 |
| ■ 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 |