

FARIA NISHAT KHAN

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10 E Quincy St., Rapid City, South Dakota 57701

CAREER SUMMARY

Data Science Ph.D. candidate with strong expertise in machine learning, data analysis, and research. Experienced in teaching, supervising research projects, and applying data science techniques to real-world problems. Seeking an opportunity to further develop skills in research and data analysis.

EDUCATION

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|------|---------------------|----------------------------------|---------------------------|---|-------------------|
| 2025 | PhD | Data Science and Engineering | Enrolled in Fall 2025 | South Dakota School of Mines and Technology | SD, USA |
| 2021 | Bachelor of Science | Computer Science and Engineering | 3.74 (on a scale of 4.00) | Daffodil International University | Dhaka, Bangladesh |

ENGLISH PROFICIENCY - IELTS (Academic)

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

PROFESSIONAL EXPERIENCE

- August 2025-Present** **Graduate Assistant** **South Dakota School Of Mines and Technology** **SD, USA**
 - Conduct research under the supervision of faculty, contributing to academic publications.
 - Mentor and support undergraduate students
- January 2022 - July 2025** **Lecturer** **Daffodil International University** **Dhaka, Bangladesh**
 - Developed and delivered undergraduate courses on Data Structures, Data Mining, Machine Learning, and Problem Solving.
 - Supervised 13 final-year design projects, providing research guidance and support.
 - Utilized innovative teaching methods to improve student engagement and comprehension.
- February 2021 - December 2021** **Teaching Assistant And Teaching Apprentice Fellow** **Daffodil International University** **Dhaka, Bangladesh**
 - Assisted in lecture preparation and delivery for multiple courses.
 - Mentored students, offering academic support and guidance.

PEER-REVIEWED PUBLICATIONS

- Zahura Zaman, Tabassum Majumdar Nova, Laboni Sultana Riya, **Faria Nishat Khan**. "Machine Learning Based Depression Prediction: Comparative Analysis," *ICCIT 2024*. DOI: 10.1109/ICCIT64611.2024.11021746.
- Md Umaid Hasan, **Faria Nishat Khan**, Hasnur Jahan, et al. "Predicting Pancreatic Cancer Survival: A Machine Learning Approach," *COMPAS 2024*. DOI: 10.1109/COMPAS60761.2024.10797176.
- Faria Nishat Khan**, Syed Rakesh Uddin, et al. "Impact of Corona Pandemic on E-Commerce Industry Using Data Mining," *ICCMC 2021*. DOI: 10.1109/ICCMC51019.2021.9418369.
- Zahura Zaman, Mahadi Hassan Meraz, Sanzida Siddike, **Faria Nishat Khan**, et al. "Classifying CCTV Images for Road Accident Analysis," *COMPAS 2024*. DOI: 10.1109/COMPAS60761.2024.10796442.