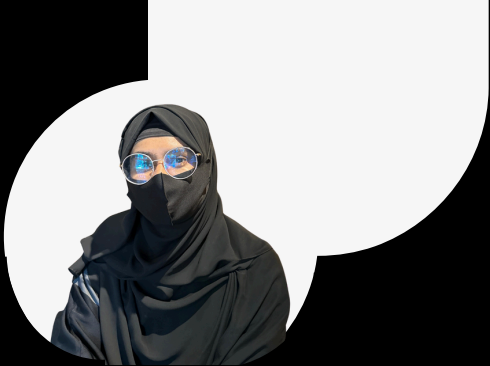# Sarah Tasnim Diya

Computer Science & Engineering graduate with a strong background in Python, machine learning, and analytical problem solving. Actively involved in AI/ML research, with recent work accepted in an international journal, demonstrating research capability alongside practical implementation skills. Interested in applied AI/ML projects focused on intelligent systems and data-driven, real-world solutions.

- Dhaka, Bangladesh.
- sarahtasnim99@gmail.com
- +8801833594833
- linkedin.com/in/sarah-tasnim-diya-b531a014a
- github.com/sarahtasnimdiya

Career Objective

To get an opportunity where I can make the best of my potential and learn constantly along the way contributing to the world.

Experience

Ambassador
• Women in Games

JULY 2025 - PRESENT
- Representing Women in Games as the only Bangladeshi Ambassador, promoting gender diversity and inclusion in the national game development community.

Vice President (Research Wing)
• DIU Astrophysics Center (Student Forum)

MARCH 2025 - DECEMBER 2025
- Organized a planetarium show attended by 150+ students to engage them and promote interest in astrophysics research.
- Coordinated research workshops focused on integrating AI methodologies with astrophysics applications.
- Mentored 5+ junior members on research techniques and project development.

Trainer
• Junior Competitive Programming Contest (JCPC)

OCT 2024 - DEC 2024
- Trained 150+ students in Scratch programming fundamentals for competitive programming contests.
- Organized and facilitated multiple hands-on workshops to enhance student problem-solving skills.
- Increased average contest scores by 30% through structured curriculum and personalized mentoring.

Education History

BSc. (Computer Science & Engineering)

JAN 2022 - JAN 2026
Department of Computer Science & Engineering ,
Daffodil International University
Current Result: 3.85 out of 4

HSC (Science)	2020	Result: 5 out of 5
SSC (Science)	2018	Result: 5 out of 5

Core Skills

- Problem-Solving and Intuitive Thinking
- Research and Implementation
- Project Documentation
- Ambassadorship
- Leadership
- Networking
- Time Management
- Flexibility
- Team work
- Guiding & Tacking
- Motivating
- Creative

Technical Skills

- **Programming:**

  C, C#, Java, Python, JavaScript, SQL, Dart, PHP

- **Web Development:**

  HTML, CSS, REST APIs (basic), MySQL, Firebase, Flutter

- **Frameworks & Libraries:**

  Unity, TensorFlow, Keras, Pandas, NumPy, Qiskit

- **Other:**

  Git, Microsoft Office, Canva, Google Workspace

Training ,Workshops & Additional Certifications

- QBronze169 Diploma
  - QWorld
- AI+ Prompt Engineer Level 1™
  - AI CERTs™
- Craft effective prompts for Microsoft 365 Copilot
  - Microsoft
- Deep Learning with Keras and Tensorflow
  - IBM
- Machine Learning with Python
  - IBM
- Python Basics
  - University of Michigan
- Data Science Math Skills
  - Duke University

Honors & Awards

QBronze169 Diploma
 • **WISER Quantum Program 2025**
QWORLD, WOMANIUM, WISER

Womanium Scholar
 • **WISER Quantum Program 2025**
WOMANIUM

Agent X: AI Prompting Program
• **Microsoft & NetCom Learning Bangladesh 2025**

Frontier Tech Scholarship
 • **FutureNation**
UNDP FUTURENATION

Reference

MR. SYED MAZHARUL HAQ
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Far East Spinning Industries PLC.
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MR. MD. MIZANUR RAHMAN
Lecturer (Senior Scale)
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Daffodil International University
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Email : mizanurrahman.cse@diu.edu.bd

** Relevant papers are available on request.

Communication Skills

- Community Management
- Confident, articulate, and professional speaking abilities
- Empathic listener and persuasive speaker
- Creative writing
- Speaking in public, to groups, or via electronic media
- Excellent presentation and negotiation skills

Programming Language Skill

- C
- Java
- Python
- C#
- JavaScript
- HTML
- CSS
- Pandas
- NumPy
- SQL
- Flutter
- Dart

Interested In

- Game Development
- Machine Learning
- Web development
- Quantum Computing

Language Proficiency

- Bengali
- English