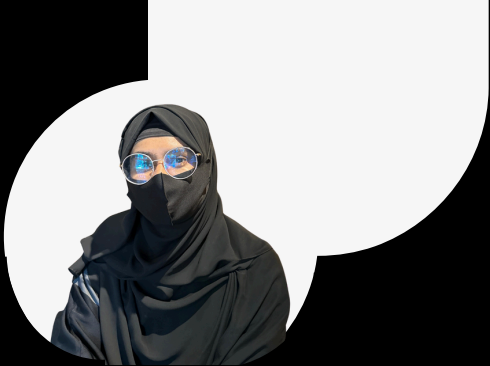


# Sarah Tasnim Diya



Final-year Computer Science student (CGPA 3.8) with experience in research development, AI/ML research, and leadership roles. Passionate about building innovative solutions and eager to grow as an Research Assistant.

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🐙 [github.com/sarahtasnimdiya](https://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

### Vice President (Research Wing)

#### • DIU Astrophysics Center (Student Forum)

MARCH 2025 - PRESENT

- 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.

### 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.

### 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 - PRESENT

Department of Computer Science & Engineering ,  
Daffodil International University  
Current Result: 3.8 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, 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

#### Managing Director

Far East Spinning Industries PLC.

Phone: +8801755555434

Email : mazharul@fareastknit.com

### MR. MD. MIZANUR RAHMAN

#### Lecturer (Senior Scale)

Department of CSE

Daffodil International University

Phone: +8801751726350 , +8801954597608

Email : mizanurrahman.cse@diu.edu.bd

## 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