

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.

- 📍 401 South Thanapara , Tangail, Dhaka.
- ✉️ diya15-5423@diu.edu.bd
- 📞 +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

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
- Empathetic 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