

## Rubaiya Tasnim Sholi

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[Portfolio]  
[GitHub]  
[LinkedIn]

Seeking for a Ph.D. position in Machine Learning, Artificial Intelligence with opportunities to utilize my knowledge, experience, and skills

**Education:** BSc in Computer Science and Engineering, Daffodil International University, Bangladesh (CGPA: 3.75/4.00) (Jan'19-Dec'22)

### Research Interest:

- Machine Learning
- Artificial Intelligence
- Computer Vision
- Deep Learning
- Natural Language Processing
- Data Analytics

### Experiences :

- Teaching Assistant (TA), Daffodil International University, Bangladesh (Spring'21-Fall'22)  
Helped students understand the topics and assisted the professor in conducting the Machine Learning and Data Mining Lab , Research and Innovation, Bangladesh Studies course classes
- Research Associate at Daffodil International University NLP & ML Research Lab, Bangladesh (Jan'23-Dec'23)
- Junior Researcher at Daffodil International University NLP & ML Research Lab, Bangladesh (Jan'21-Dec'22)

**Publications:** Title: "[Application of Computer Vision and Mobile Systems in Education: A Systematic Review](#)"

**Professional Experience:** Junior Executive, SSG Global ERP and Digitalization department (Jan'23-Jul'23)  
At Seven Circle (Bangladesh) Limited. Worked on Report Development using SQL on Oracle EBS

### Skills:

- Programming Languages: Python, C, R
- Libraries: Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Matplotlib, Seaborn
- Front-end Engineering: Html, CSS, Bootstrap, WordPress
- Back-end Engineering: SQL
- Miscellaneous: PowerBI, Tableau, Git, Linux, Excel

### Thesis and Projects:

- Thesis topic: Context based Bangla question-answering system
- MLA Solver, web application to solve Machine Learning algorithmic problem  
Technology: C++, Html, CSS, JavaScript
- Virtual Assistant Web application  
Technology: Python, pytsx3, Speech Recognition: Speech Recognition, pywhatkit, pyjokes, Wikipedia, Openweatherapi API
- Real Estate Price Prediction – Machine Learning and Data Science Web Project  
Technology: Python, Sklearn, Pandas, NumPy, Matplotlib, Flask
- Image Classification - Machine Learning and Data Science Web Project  
Technology: Python, NumPy, Sklearn, Skimage, Matplotlib, ngrok, streamLit
- Spotify Analyzer  
Technology: Python, Pandas, Seaborn, Matplotlib
- WayTowardsHeaven, Islamic web application  
Technology: Html, CSS, JavaScript
- NightPrayer-Tahajjud, Computer Graphics Project  
Technology: C++, OpenGL

**Workshops/Training:** Machine Learning Bootcamp, 2021 | organized by Daffodil International University NLP & ML Research Lab, Bangladesh

### Problem Solving:

- Beecrowd (Uri): 100+
- LeetCode: SQL problems
- Participated regularly on Kaggle online Data Science Contests
- Represented DIU in National Girls Programming Contest, Bangladesh | Final round, 2019
- Participated in ICPC Asia Dhaka Regional, Bangladesh | Preliminary round, 2019
- Participated in DIU Takeoff Programming Contest, Bangladesh, 2019
- Participated in DIU Intersection Programming Contest, Bangladesh, 2019

**Extra-Curricular Activities:** Information and Technology Executive of Daffodil Prothom Alo Bondhushava, Bangladesh (Jan'20-Dec'21)  
Volunteered at social and cultural activities

**IELTS:** 6.5 (L-6.5, R-6, W-6.5, S-6.5)