

Rubaiya Tasnim Sholi

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[Portfolio]
[GitHub]
[LinkedIn]

Seeking for a Ph.D. position in Computer Science 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, pyttsx3, 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
Volunteered at social and cultural activities

(Jan'20-Dec'21)

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