Rubaiya Tasnim Sholi

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[**Portfolio**]
[**Github**]
[**LinkedIn**]

Education:

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

- HSC in Science | Dhaka City College, Bangladesh   GPA: **5.00 /5.00** '2018

- SSC in Science | Pabna Govt. Girls' High School, Pabna, Bangladesh   GPA: **5.00 /5.00** '2016

Skills:

- **Programming Languages:** Python, C, PHP, JavaScript

- **Libraries:** Scikit-learn, Pytorch, TensorFlow, Keras, Pandas, NumPy, OpenCV, Matplotlib, Seaborn

- **Front-end Engineering:** Html, CSS, Bootstrap, WordPress

- **Back-end Engineering**: Flask, MySQL, MongoDB

- **Miscellaneous:** PowerBI, Tableau, Git, Docker, Linux, LATEX, Excel

Experiences:

- **Teaching Assistant,** Daffodil International University   (April'22-June'22)

I worked as a Teaching Assistant in **Machine Learning and Data Mining** Lab Course. Helped the students understand the topics and also helped the teacher in conducting the classes efficiently.

- **Researcher** at DIU NLP Lab and ML Research Lab   (Jan'21-Dec'22)

- **Information and Technology Executive** of Daffodil Prothom Alo Bondhushava   (Jan'20-Dec'21)

Projects:

- **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 State Price Prediction –** Machine Learning and Data Science Web Project
  Technology: Python, Sklearn, Pandas, NumPy, Matplotlib, Flask, AWS

- **Image Classification** - Machine Learning and Data Science Web Project
  Technology: Python, NumPy, Sklearn, Skimage, Matplotlib, ngrok, streamLit

- **WayTowardsHeaven,** Islamic web application

Technology: Html, CSS, JavaScript

- **Covid-19 Guide,** Android application

  Technology: Java, JDK18, Android Google API 23, SQLite Database, JSON

- **NightPrayer-Tahajjud,** Computer Graphics Project

  Technology: C++, OpenGL

Publications:

- **"Application and aspects of computer vision in education"** accepted on Bulletin of Electrical Engineering and Informatics (BEEI), August 2022
- **"Application of Machine Learning in education"** accepted on Bulletin of Electrical Engineering and Informatics (BEEI), September 2022

Workshops/Training:

- Machine Learning Bootcamp, 2021 | DIU NLP and ML Research Lab
- Professional Web Design**,** 2019 **|** ITsors Training Institute

Problem Solving:

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