

Fariha Nuzhat Majumdar

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EDUCATION

AHSANULLAH UNIVERSITY OF SCIENCE & TECHNOLOGY

BSC IN COMPUTER SCIENCE &
ENGINEERING

Jan 2020 | Dhaka

CGPA : 3.547/4.00

Last Semester's GPA: 3.955

DHAKA CITY COLLEGE

HIGHER SECONDARY CERTIFICATE
2015 | Dhaka

GPA : 5.00/5.00

MONIPUR HIGH SCHOOL & COLLEGE

SECONDARY SCHOOL CERTIFICATE
2013 | Dhaka

GPA : 5.00/5.00

LINKS

Facebook:// @Fariha Nuzhat Majumdar

SKILLS

PROGRAMMING AND TOOLS

Programming Language

Python • PHP • C

Android • Java • Servlet

HTML+CSS • Mysql • Matlab

Tools

Pandas • NumPy • Excel • Matplotlib •

SQL • POLYGLOT

Other Tools

MS Office • Latex • Google Docs

PROJECTS

UNDERGRAD THESIS | HYBRID TEXT SUMMARIZER FOR BANGLA DOCUMENT

- A Bengali text summarizing program written in Python
- Implemented using 3 different models and combination of all
- Keyword Extraction Model
- Sentiment Based Model
- Text Rank Model
- Hybrid Model
- It is better than existing model (2015).
- Github Link: [Hybrid Summarizer](#)

OTHER PROJECTS | PERSONAL & ACADEMIC PROJECTS

- Data Acquisition & Questionnaire App (Bracathon)
- Car design using WebGL & Javascript
- Online Job Portal using both PHP in Laravel framework, core PHP with HTML, PHP, CSS, Javascript and also using JAVA Servlets including JSP
- 'Hotel management' using HTML, PHP, CSS, Javascript
- Coin detection from image using MATLAB
- File Compressor Simulator using Huffman Encoding
- File Compressor in C
- Project 'Messenger' using Android Studio and 'Group Chat' using JAVA (Socket Programming) TCP and Multithreading
- Pattern Recognition Projects 'Minimum Distance to Class Mean Classifier', 'Single and Batch Perceptron', 'Bayesian Classification using Gaussian Distribution', 'K-NN Classifier' and 'K-means Clustering' using Python

LANGUAGES

- Bengali(Native)
- English(Fluent)
- Hindi(Strong listening and speaking)

CO CURRICULAR

ACTIVITIES

Organizing Skills

- Successfully organized departmental Fest and Picnic
- Worked as a volunteer in several departmental events.

SPECIAL ACHIEVEMENT

INTRA AUST PROGRAMMING CONTEST

- 2nd Prize in Junior Category(Group Leader) (2016) Link: **Contest Fall'15**
- Qualified for the main round (After passing online test) in the competition for 3 consecutive times.

BRACATHON CHALLENGE

- Got selected for the main round among top 8 teams in specific category (2019)

HARDWARE PROJECTS

ACADEMIC & PROJECT SHOW

- Line Follower Robot
- Smart Car Parking System