Md Sabbir Hossain

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OBJECTIVE

Computer Science graduate and full-time lecturer with a strong interest in Machine Learning. I take the responsibility to accomplish my task in due time. I ensure my service quality and am always energetic to learn new skills. I am capable of handling multiple tasks on a daily basis

EDUCATION

- **Brac University** — Dhaka, Bangladesh
  Master's of Science in Computer Science; CGPA: 4.00 out of 4.00 — *May 2023 - Current*
  Courses: *Neural Networks, Advanced Graphics, Distributed Computing Systems, Pattern Recognition, Simulations and Modelling, Advanced Artificial Intelligence*

- **Brac University** — Dhaka, Bangladesh
  Bachelor of Science in Computer Science; CGPA: 3.92 out of 4.00 — *January 2018 - January 2022*
  Courses: *Neural Networks, Operating Systems, Data Structures, Algorithms, Artificial Intelligence, Software Engineering, Networking, Databases, Automata, Compiler Design, Natural Language Processing, Digital Signal Processing, Calculus, Linear Algebra, Fourier Analysis, Laplace Transformation, Discrete Mathematics, Cryptography, Physics and etc.*

- **Hamidpur Al-Hera College** — Jessore, Bangladesh
  Higher Secondary - Science; GPA: 4.25 out of 5.00 — *June 2014 - August 2016*

- **Jessore Zilla School** — Jessore, Bangladesh
  Secondary School - Science; GPA: 5.00 out of 5.00 — *January 2012 - May 2014*

SKILLS SUMMARY

- **Languages:** Python, JAVA, PHP, JavaScript, SQL, Bash, C
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras
- **Tools:** RDP, Office, Xampp, Photoshop, Google Cloud, Docker, GIT, PostgreSQL, MySQL, SQLite
- **Platforms:** macOS, Web, Windows, Linux, AWS
- **Soft Skills:** Leadership, Writing, Public Speaking, Time Management

EXPERIENCE

- **Lecturer, Brac University** — On-site
  Department of Computer Science and Engineering (Full-time) — *July 2022 - Current*

- **Student Tutor, Brac University** — On-site
  Department of Computer Science & Engineering (Part-time, Contractual) — *Jan 2020 - Jan 2022*
  - **Natural Language Processing**: Enriching basic theories of student.
  - **Pattern Recognition**: Serving students with supervised and unsupervised learning related research works
  - **Distributed Systems**: Tutoring Linux and concept of distributed system
  - **Digital Logic Design**: Number System, Boolean Expressions, KMAP, Tabulation, Combinational Circuit, MSI Circuits & Sequential Circuits

PROJECTS

- **NLP - Product Market Demand Analysis (NLP, Web Crawlers, Text Processing)**: (Paper available) Research oriented, open source machine learning project (October '18)

- **Tuition Finder (Android Application)**: Students and teacher connection building android app (August '18)

- **Student Alliance Site (Web Application)**: Responsive and dynamic student's inter-university social media site (March '20)

- **Sparna Fashion (eCommerce Web Development)**: Responsive dynamic eCommerce platform with admin panel, inventory & order management and payment gateway (September '16)

- **Maskan Landmark Ltd (Web Development)**: Static real-estate website (Jan '18)

- **UK Planet (eCommerce Web Development)**: Responsive dynamic eCommerce platform with admin panel, inventory & order management and payment gateway (September '16)

PUBLICATIONS

- **Conference: Product Market Demand Analysis Using NLP in Banglish Text With Sentiment Analysis and NER**: 56TH Annual Conference on Information Sciences and Systems (CISS), New Jersey, United States (March '22)
- **Conference: A Deep Hybrid Learning Approach to Detect Bangla Fake News**: 2021 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) (October '21)
- **Conference: Multi-threaded Sorting Performance Analysis Using RPCs**: ICAEEE 2022 (International Conference on Advancement in Electrical and Electronic Engineering 2022), Bangladesh (January '22)
- **Conference: Automatic Bangla Article Content Categorization Using a Hybrid Deep Learning Mode**: IEEE Region 10 Humanitarian Technology Conference, India (May '22)
- **Conference: Recruitment Scam Detection Using Gated Recurrent Unit**: IEEE Region 10 Humanitarian Technology Conference, India (May '22)

HONORS AND AWARDS

- Academic Highest Distinction, Undergraduate, Brac University - January, 2022
- Vice Chancellors Award, Listed in 5 individual semester for VC's list in Undergraduate, Brac University
- Deans Award, Listed in 4 individual semester for Dean's list in Undergraduate, Brac University, Brac University
- Merit based Scholarship, A performance based scholarship worth 50% waiver, Undergraduate, Brac University

CERTIFICATIONS

- **Programming for Everybody (Getting Started with Python)** — Coursera
  University of Michigan

- **Technical Support Fundamentals** — Coursera
  Google

- **Database Operations in MariaDB Using Python From Infosys** — Coursera
  Coursera Project Network

- **Introduction to Bash Shell Scripting** — Coursera
  Coursera Project Network

- **Command Line in Linux** — Coursera
  Coursera Project Network