Curriculum vitae

PERSONAL INFORMATION

Enam Biswas

House # 12, Road # 03, Block # E, Banasree, Rampura, 1219 Dhaka (Bangladesh)

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Sex Male | Date of birth 16/12/1996 | Nationality Bangladeshi

WORK EXPERIENCE

6 Sep 2017–23 Apr 2019

Undergraduate Teaching Assistant

East West University, Dhaka (Bangladesh)

Undergraduate Teaching Assistant of Computer Science & Engineering Department.

My responsibility included:

- Instructed new Bachelor students in Lab and motivated them to gain desired course outcomes. Furthermore, helped course instructor preparing laboratory materials and grading students.

Course (Programming Language) taught:

- Structured Programming (C), Object Oriented Programming (C++), Database (MySQL), Artificial Intelligence (Python, Prolog, MatLab) and Software Engineering (PHP, Python, MySQL).

EDUCATION AND TRAINING

4 May 2015–23 Apr 2019

Bachelor of Engineering in Computer Science & Engineering

East West University, Dhaka (Bangladesh)

Thesis: Symptom-Based Disease Detection System In Bengali Using Convolution Neural Network.

Relevant Courses: Numerical Methods, Algorithms, Artificial Intelligence, Machine Learning, Data Mining, Statistics and Probability, Demography and Economical Statistics, Differential & Integral Calculus, Differential Equations & Special Functions, Co-ordinate Geometry & Vector Analysis, Linear Algebra & Complex Variables, Discrete Mathematics, Operating Systems, Computer Architecture, Microprocessor, Engineering Physics-I and II.

CGPA: **3.90/4.00**, 2nd of my batch (Summer-2015), **Full Free Scholarship** for 4 years, all possible (**3 times**) **Dean's Scholarship** in 4 years of study.

Achievement: 26th out of 2111 student of 2020 convocation.

Coursera Courses: Discrete Math and Analyzing Social Graphs, Matrix Algebra for Engineers

Coursera Specializations: Python for Everybody, Python 3 Programming, Statistics with Python, Deep Learning, Natural Language Processing

PERSONAL SKILLS

Mother tongue(s): Bengali

Foreign language(s)

	Listening	Reading	Spoken	Writing	Overall
English	8.0	7.5	7.0	6.5	7.0

International English Language Testing System (IELTS)

Organizational / managerial skills

Management & Leadership: **General Secretary** of **IEEE Computer Society**, Computer Science section of East West University (September 2018 - April 2019), hosted one programming contest and showed enthusiasm in recruiting members. Experienced leadership and managerial experience through accomplishing successful projects (part of course curriculum).

Job-related skills

Programming Languages: Most experienced with **C**, **C++**, **Python**. Other expertise in MatLab, C#, Java and Prolog.

Web Development Skills: HTML, CSS, Bootstrap, PHP, Oracle, MySQL.

Other Skills: Professional document editing (Research paper writing, editing) in Microsoft Office and LaTeX.

ADDITIONAL INFORMATION

Honors and awards

- Achieved **Full Free Scholarship** for Maintaining GPA 5.00/5.00 in every subject in both High School and School level board examination From **East West University**.
- Achieved **Dean's Scholarship** (Dean List) for maintaining CGPA above 3.80/4.00 in three consecutive semesters after each year of study (Summer 2016, Summer 2017, Summer 2018).

Publications

1. E. Biswas and A. K. Das, "Symptom-Based Disease Detection System In Bengali Using Convolution Neural Network", 2019 7th International Conference on Smart Computing & Communications (ICSCC), Sarawak, Malaysia, Malaysia, 2019, pp. 1-5. doi: 10.1109/ICSCC.2019.8843664

Accepted/Ongoing Research

1: **Privacy and security perspective on social media – case Facebook** [*Accepted, ICTIS 2020*]

- This research represents an analysis of user's perspective on their privacy over Facebook, providing an analysis of how privacy policy can be made rigid to the people and lacking.

2: Recommendation of machine learning algorithm for maintaining a health insurance system. [*Undergraduate***]**

- The research works provides few proposals of suitable machine learning algorithms and a preferable system for any Health Insurance Company to maximize profit.

3: **Rule concentrated Bangla stemming algorithm**. **[***Ongoing***]**

- It is planned to produce the best stemming result for Bangla and so far, it outperforms every stemming algorithm.

4: Sarcasm detection from Newspaper for Bangla. **[***Ongoing***]**

- We prepared a dataset from reliable newspapers, containing news type sarcastic or not. RNN based model is designed for performance evaluation and use well known model for comparison.

Projects

1: **[***Dataset***]** Bangla Largest Newspaper Dataset **[***January 2021***].**

- Containing almost 1.7M Bangla news articles. DOI: 10.34740/KAGGLE/DSV/1857507.

2: **[***Dataset***]** IMDb Largest Review Dataset **[***January 2021***].**

- Containing almost 5.5M reviews along with 1.2M spoilers from IMDb. DOI: 10.34740/KAGGLE/DSV/1836923.

3: **[***Dataset***]** IMDb Largest Review Dataset **[***January 2021***].**

- Containing more than 700,000 reviews-rating of American neighborhood. DOI: 10.34740/KAGGLE/DSV/1842046.

4: Sudoku Solving Using Genetic Algorithm **[***Undergraduate***].**

- Developed in Python for Artificial Intelligence course. Which can solve existing Sudoku board and generate a new Sudoku board on the basics of genetic algorithm.

5: Movie Review & Rating Website **[***Undergraduate***].**

- Developed in HTML, PHP and CSS using MySQL database for Software Engineering course. Provides a website like IMDB and similar functionalities.

6: Finding Local Food Store in Banasree **[***Undergraduate***].**

- Developed in C++ on shortest path algorithmic implementation. Provides an application which suggests local food stores.

7: BanglaLink Help Menu Simulation **[***Undergraduate***].**

- Developed in C++ on the basics of Object-Oriented Programming. Provides simulation program that works like BanglaLink (a telecommunication company) help menu.

Memberships

Institute of Electrical and Electronics Engineers (**IEEE**), Student Member, Bangladesh Section, R10 -Asia and Pacific.

Membership ID: **94938071**