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
8.0	7.5	7.0	6.5	7.0
International English Language Testing System (IELTS)				

English

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**