



Nusrat Jahan Nupur

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Objective:

To work in a challenging position in a fast growing organization where I can meet or exceed organizational goals and expectation through my integrity, creativity, perseverance and thereby lead example.

Education:

- **Bachelor in Electrical & Electronics Engineering in 2013.**
BRAC University, Dhaka.
- **Higher Secondary Certificate (H.S.C)**
Dhaka City College, Dhaka.
- **Secondary School Certificate (S.S.C)**
Ispahani Girls' School & College, Dhaka.

Professional work Experience:

1. Worked as Research Assistant in **Center for Research on Bangla Language Processing (CRBLP)**, BRAC University from 2011 – April, 2012.

Major Responsibilities: Annotation newspaper corpus for creating a new voice for existing Bangla text2speech model.

2. Laboratory Technical Officer for EEE department at **BRAC University** in 2013.

Major Responsibilities: Ensuring full speed internet connection, investigating undergraduate thesis works, providing essential support and invigilating the exams

3. Worked as a Junior Software developer at **CodeTunerz**.

Project Work:

The project purposes to develop a power generation system from mechanical vibration that can be harvested from ambient. The system employs an electromagnetic transducer which is able to convert the vibration energy into electrical energy. The fundamental components necessary to implement the system are coil of conducting wire and permanent magnet. The magnet will be attached to the vibration source while the coil remains stationery. The acceleration due to the vibration causes relative motion between the magnet and the coil undergoes magnetic field variation and voltage is induced across the terminals of the coil due to faraday's law of electromagnetic induction.

Computer Skills:

- Worked with MS Word, MS Excel, and MS power-point.
- Engineering tools: PSPICE, Micro Wind, DSCH2 and Visual studio-2013, SQL-Server.
- Programming knowledge on JAVA and C#.

Training & Workshop:

Professional Training	Training provided By	Duration of Training
Professional Skills Development Program (PSDP)	Career Service office, BRAC University in 2013.	Three months
Certificate course on business journalism	Jointly organized by Institute of Journalism and Communication and Pubali Bank Limited in 2016.	Six weeks
Attended training on Web App Develop-Dot Net program under Employment Investment Program (SEIP)	Powered by Ministry of Finance (Bangladesh).	Three months

Strength:

- Team player, fast learner.
- Good interpersonal skill.
- Good analytical ability.
- Honest with work.
- Punctual.
- Can handle work smoothly under pressure.

Achievements:

- 2nd prize Award received from BRAC University in a long jump competition in Residential Semester at Savar (2008).
- Achieved 6th position in a science project at school. (Project description: creating the fire under water using sulfuric acid and phosphorus).

Interests:

- Solar energy, Thermal Energy, VLSI and Biomedical Engineering.
- Reading Newspapers, journals, articles, listening radio and ted talks.

Co- Curricular Activities:

- Involved with “Jaago foundation” as a volunteer (2010).
- Worked as a volunteer for hay festival which is organized by British Council in 2011.
- Worked as volunteer For Moot Court Society at BRAC University.
- 2011-present (member of Media & Journalism Forum in 2011).
- Worked as volunteer for 7th Convocation of BRAC University.
- Attend two inter university math Olympiad competitions.
- Recently attended workshop on research methodology arranged by IEEE DU Brach.

Recommendations:

Annajiat Alim Rasel (Lecturer-III) Department of Computer Science and Engineering, BRAC UNIVERSITY. 66 Mohakhali C/A, Dhaka 1212, Bangladesh. phone:+88-01711935759 e-mail: annajiat@gmail.com	Dr.Rubaiya Rahman(Research Assistant) University of British Columbia, Vancouver, Canada. Former Lecturer of BRAC University 66 Mohakhali C/A, Dhaka 1212,Bangladesh. e-mail:rrahman@ece.ubc.ca
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