

Assadujjaman Nayeem

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SUMMARY

An enthusiastic Computer Science graduate seeking a challenging position in a technical organization that can provide me with an opportunity to improve my skills and strengths in conjunction with the organizational goals and to attain excellence through experience. I have a great interest in the analytical fields where I can use the knowledge, gathered from my previous education.

EDUCATION

North South University

Bashundhara R/A, Dhaka

BS in Computer Science and Engineering; CGPA: 3.03 out of 4.00 (Marks: 86-87%)

2016 - 2021

- Dissertation Topic: MyArea- An E-commerce Platform For Online Shopping With Users' Choice Grocery Shop

Dhaka Biggyan College

Malibagh, Dhaka

Higher Secondary Certificate; Science Group; GPA: 4.70 out of 5.00

2011 – 2013

Rampura Ekramunnesa Boys' High School

Rampura, Dhaka

Secondary School Certificate; Science Group; GPA: 4.88 out of 5.00

2009 – 2011

PROJECT WORKS

An E-commerce Platform

Feb 2020 – Sep 2020

- This project is based on an E-commerce website that gives the solution of buying daily necessary products, which saves our time and enhances our life quality. Listing all the available local shops of a territory, where someone can choose the desired shop and buy their intended products. In this project, we have integrated a map API to find the user location and this website will provide the services of those nearest shops based on that location.
 - **Used Technologies:** PHP, MySQL, HTML, CSS, JavaScript, Maps JavaScript API.

A Web Application to Recognize Images

Feb 2021 – May 2021

- There are lots of Image processing models out there. But ordinary people can not use it until it is user friendly. For that purpose, we have built a platform and deploy the image processing model on our website so that user can use their images to see the enchanting of machine learning which will tell what includes in the image.
 - **Used Technologies:** TensorFlow.js, Flask, Keras, HTML, CSS, JavaScript

Covid-19 Test Using X-Ray and Face Mask Detection

May 2021 – Jun 2021

- This project is focused on covid and face mask detection and classified that image using a machine learning model. This application appraises us by examining the x-ray image or face's image whether the person has covid-19 or not and the person is wearing a face mask or not.
 - **Used Technologies:** TensorFlow.js, Flask, Keras, HTML, CSS, JavaScript

UNDERGRADUATE COURSEWORK

- **Elective Courses:** CSE438 Data Communication and Network, CSE482 Internet and Web Technology, CSE473 Theory of Computation
- **CSE Core Courses:** CSE225 Data Structures and Algorithms, CSE373 Design and Analysis of Algorithms, CSE327 Software Engineering, CSE425 Concepts of Programming Language, CSE331 Micro-processor Interfacing and Embedded System
- **Mathematical Courses:** MAT120 Calculus and Analytical Geometry-I, MAT130 Calculus and Analytical Geometry-II, MAT250 Calculus and Analytical Geometry-IV, MAT125 Introduction to Linear Algebra, MAT350 Engineering Mathematics, MAT361 Probability and Statistics

SKILLS

- **Programming Languages:** Python (Frequently used), JAVA, C, C++, SQL
- **Web Development:**
 - Front-end: HTML, CSS, Bootstrap, JavaScript
 - Back-end: Flask
- **Database:** MySQL database
- **Version Control System:** Git
- **Simulation Tools and Others:** Logisim
- **Packages:** MS Word, MS PowerPoint, MS Excel, and \LaTeX
- **Languages:** Bengali (Native), and English (Proficient)

EXTRACURRICULAR ACTIVITIES

NSU Problem Solvers (NSUPS)

Bashundhara R/A, Dhaka

Member

2016 – 2017

- NSUPS is a problem-solving community based on North South University and the purpose of that community is to help novice students get involved in competitive programming. Moreover, I got involved with this community and had the opportunity to participate in several programming contests organized by NSUPS.

JAAGO Foundation

Banani, Dhaka

Volunteer

2014 – 2015

- JAAGO Foundation works for the betterment of the nation through fulfilling the educational needs of underprivileged children. I attended several events organized by JAAGO, including World Environment Day.

Volunteer for Bangladesh (VBD)

Banani, Dhaka

Community Volunteer

2014 – 2015

- VBD is a non-political volunteer and youth wing of the JAAGO Foundation, which provides the youth of Bangladesh a voice and platform to contribute to nation-building. However, I attended several events organized by VBD, and some notable events were Universal Children's Day and The Great Kindness Challenge.

SCHOLARSHIP & ACHIEVEMENTS

- **Bangladesh Primary Education Scholarship:** Recipient of primary school scholarship throughout the secondary school year from Bangladesh Directorate of Primary Education (DPE), Dhaka Board for achieving outstanding score in 5th grade. (2006 – 2008)

REFERENCES

• Dr. Tanzilur Rahman

Assistant Professor, Department of Electrical and Computer Engineering, North South University.

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• Dr. Shazzad Hosain

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