



## S M Taslim Uddin Raju

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### Objectives

My future dream is to be a good data scientist as well as a teacher. Adept at explaining complex technical concepts and theories in a clear and accessible manner and helping students with specialized projects and looking to contribute my knowledge and skills in a university that offers a genuine opportunity for career progression.

### Education

#### Khulna University of Engineering & Technology (Khulna)

B. Sc. in Computer Science and Engineering

2015 – 2019

**Earned CGPA: 3.85** (out of 4.00)

**Key Courses** – Computer Basics and Programming, Object Oriented Programming, Discrete Mathematics, Data Structures, Algorithm Analysis & Design, Database Systems, Software Engineering, Operating Systems, Compiler Design, Computer Networks, Data Mining, Artificial Intelligence, Machine Learning, Natural Language Processing.

#### Govt. City College (Chittagong)

Higher Secondary Certificate | Science

2012 – 2014

**Earned GPA: 5.00** (out of 5.00)

#### Baitush Sharaf Adarsha MA Kamil Madrasah (Chittagong)

Secondary School Certificate | Science

2012 – 2010

**Earned GPA: 5.00** (out of 5.00)

### Technical Skills

#### Programming Language

C, C++, Python, Java, C#, R, Matlab

#### Web Based

ASP.NET, JavaScript, HTML, CSS

#### DBMS

MySQL, SQL Server

#### IDE

PyCharm, IntelliJ, Anaconda, CodeBlocks, Oracle10g

#### Version control

Git

#### Operating system

Windows, Ubuntu

### Area of Interest

Teaching, Machine learning, Deep Learning, Artificial Intelligence, Statistics

### Research

#### Title: A Study on Non-Invasive Haemoglobin Measurement Techniques.

**Technology:** Machine Learning, Image Processing, Python, IDE: Spyder

**Details:** This research is based on a non-invasive way to measure the different component of blood like SpO2, glucose, and hemoglobin. We took about 10seconds video for each subject from body organs like an index finger by different Led-Board. Then we apply different machine learning techniques to predict the blood components.

### Projects

#### Title: Sentiment Analysis

**Technology:** Machine Learning, Python , IDE : PyCharm

**Details:** It is the process of 'computationally' determining whether a piece of writing is positive, negative or neutral. It's also known as opinion mining.

#### Title: Online Shopping (Shopify)

**Technology:** ASP.NET, C#, MySQL, HTML, CSS

**Details:** A website made with ASP.NET that useful for anyone to upload her/his second-hand product and they could also communicate with each other and fixed the product price.

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**Title: Lockit (security Project)**  
**Technology:** Java, Encryption & Decryption Algorithms, IDE: IntelliJ  
**Details:** It is based on different kinds of encryption and decryption algorithms like RSA and El-Gamal and, etc.

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**Title: Student Result Management System**  
**Technology:** MySQL  
**Details:** It is a database design of Student Result Management System. The Oracle DBMS used for the implementation of the database.

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<b>Awards &amp; Scholarships</b>	Dean's Award by Faculty of Electrical & Electronic Engineering (2nd year, 3rd year, 4th year)
	Vocational Scholarship from Khulna University of Engineering & Technology (2015-2019)

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<b>Co-curricular Activities</b>	SGPIC (Special Group Interested in Programming Contest)
	<ul style="list-style-type: none"><li><b>Instructor</b> for introductory workshop on C programming (2016)</li></ul>
	NHSPC – National High School Programming Contest <ul style="list-style-type: none"><li><b>Student Motivator &amp; Examiner</b> (2016 &amp; 2017)</li></ul>

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<b>Online Activities</b>	UVA Online Judge - Handle: raju_2K14
	85+ problem solved.
	Codeforces - (max rating 1394) - Handle: raju_2K14

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<b>Online Courses</b>	Machine Learning: <a href="https://www.coursera.org/learn/machine-learning/home/welcome">https://www.coursera.org/learn/machine-learning/home/welcome</a> (80% complete)
	Machine Learning A-Z: <a href="https://www.udemy.com/machinelearning/">https://www.udemy.com/machinelearning/</a> (50% complete)

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<b>Job Experience</b>	<b>Lecturer, Faculty of E &amp; T</b>	
	Dept. of CSE, Eastern University, Ashulia, Dhaka-1216	<b>June 2019 – Present</b>

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<b>Reference</b>	<b>Dr. M. M. A. Hashem</b> Professor, Department of Computer Science & Engineering, Khulna University of Engineering & Technology Khulna 9203, Bangladesh Contact No: +880-1521453226 E-Mail: <a href="mailto:mmahashem@hotmail.com">mma_hashem@hotmail.com</a> Website: <a href="http://www.kuet.ac.bd/cse/hashem/">www.kuet.ac.bd/cse/hashem/</a>
	<b>Dr. Pintu Chandra Shill</b> Professor, Department of Computer Science and Engineering Khulna University of Engineering & Technology Khulna 9203, Bangladesh Contact No: +880-1676303920 E-Mail: <a href="mailto:pintuATcse.kuet.ac.bd">pintuATcse.kuet.ac.bd</a> Website: <a href="http://www.kuet.ac.bd/cse/pintu/">http://www.kuet.ac.bd/cse/pintu/</a>

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