

# Md. Montasir Bin Shams

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## RESEARCH INTEREST

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Machine Learning, Data Mining.

## EDUCATION

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### Khulna University of Engineering & Technology

*B.Sc in Computer Science and Engineering*

CGPA: 3.76/4.00 (5th among 61 students)

CGPA of last 2 years : 3.89

**Khulna, Bangladesh**

*March,2013-March,2017*

## TEACHING EXPERIENCE

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### Daffodil International University

*Lecturer, Department of Computer Science and Engineering*

**Dhaka, Bangladesh**

*September 2017 - present*

### University of Information Technology and Sciences

*Lecturer, Department of Computer Science and Engineering*

**Dhaka, Bangladesh**

*June 2017 - August 2017*

**Courses taught:** Compiler Design, Compiler Design Laboratory, Database Management System, Database Management System Laboratory, Operating System, Artificial Intelligence, Artificial Intelligence Laboratory, Theory of Computation, Algorithm , Algorithm Laboratory, Computer Fundamentals, Discrete Mathematics.

## KEY SKILLS

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**Programming Language**      Python, C, C++, Java

**Web Based Language**      HTML, CSS, PHP

**Research Tool**              WEKA

**DBMS**                          Oracle, MySQL

## PUBLICATIONS

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- Md Faisal Ahmed, **Md. Montasir Bin Shams**, Dr. Pintu Chandra Shill, Md. Majidur Rahman "Classification on BDHS data analysis:hybrid approach for predicting pregnancy termination" accepted in International Conference on Electrical, Computer and Communication Engineering (ECCE 2019).

## RESEARCH EXPERIENCE

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**"Feature Selection and Classification on BDHS(Bangladesh Demographic and Health Survey, 2014) data analysis:a hybrid approach for predicting pregnancy termination."**

- The main goal of this research is to downturn the rate of pregnancy termination.
- This research finds out the attributes that contribute to pregnancy termination and leads to propose a hybrid supervised machine learning approach.
- This Hybrid approach generates 67.2% accuracy considering the biasedness of the dataset which is relatively better than other classifiers in terms of performance metrics.

## SELECTED ACADEMIC PROJECTS

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### **Amar Shohor**

*Nov 2015-April 2016*

- This is a smartphone application for android devices that allows citizens to report all types of issues related to their city life.
- It works as a bridge between authority and citizens.

### **Super Shop Management System**

*Mar 2014 – August 2014*

- This software helps to manage daily activities of a super shop.
- It helps to check available products, total sold items, total ordered items, total amount of sales in a day.

### **Notify**

*Nov 2015 – April 2016*

- It is mainly developed to reduce the harassment of finding someone.
- It helps to notify the current state of searched person i.e at lunch, at prayer, at classroom e.t.c .

### **Online Banking System**

*Sep 2014 – Mar 2015*

- This web application provides all banking services i.e account creation, money deposit, transaction details e.t.c to its users.

## AWARDS AND ACHIEVEMENTS

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- Deans List of the faculty of EEE in recognition of outstanding academic performance in the session of 2016-2017.
- Deans List of the faculty of EEE in recognition of outstanding academic performance in the session of 2015-2016.
- General Scholarship for excellent performance in Higher Secondary School Certificate (H.S.C) exam.
- General Scholarship for excellent performance in Secondary School Certificate (S.S.C) exam.
- Talent-pool Scholarship in recognition of excellent result in Junior and Primary Scholarship Exam.

## PROFESSIONAL RECOGNITION

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- CCNA Routing & Switching (Version 5.03) of CISCO (4 semester long course).

## VOLUNTARY ACTIVITIES

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- Member, DREAM (Blood donating organization).
- Organizer, National High School Programming Contest, Khulna Zone (2015, 2016, 2017).
- Mentor, Intra departmental idea contest organized by CSE Association, KUET.
- Member, SGIPC (Standard group of interested in programming contest).

## REFERENCES

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### ○ **Dr.M.M.A Hashem**

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Khulna University of Engineering & Technology, Khulna-9203 , Bangladesh.  
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### ○ **Dr.K.M Azharul Hasan**

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