Piyush Onkar

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RESEARCH INTEREST

Machine Learning, Data Mining.

EDUCATION

Khulna University of Engineering & Technology   **Khulna, Bangladesh**
B.Sc in Computer Science and Engineering   *March,2013-March,2017*
CGPA: 3.76/4.00 (5th among 61 students)
CGPA of last 2 years : 3.89

TEACHING EXPERIENCE

Daffodil International University   **Dhaka, Bangladesh**
Lecturer, Department of Computer Science and Engineering   *September 2017 - present*

University of Information Technology and Sciences   **Dhaka, Bangladesh**
Lecturer, Department of Computer Science and Engineering   *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

Programming Language	Python, C, C++, Java
Web Based Language	HTML, CSS, PHP
Research Tool	WEKA
DBMS	Oracle, MySQL

PUBLICATIONS

- 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

"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

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

- 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

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

VOLUNTARY ACTIVITIES

- 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

- **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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