

Rahnuma Tasmin

Prime Orchid, Flat # 402, House # 13, Road # 10,
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Education**Military Institute of Science & Technology (MIST)**

Masters in Computer Science & Engineering
(Coursework completed, Thesis Continued)(CGPA: 3.83 out of 4)

Dhaka, Bangladesh
Oct. 2014 - Present

Military Institute of Science & Technology (MIST)

Bachelor in Computer Science & Engineering (CGPA: 3.64 out of 4)

Dhaka, Bangladesh
Dec.2012

Viquarunnisa Noon College

Higher Secondary Certificate in Science (GPA: 5 out of 5)

Dhaka,Bangladesh
Sep. 2008

Viquarunnisa Noon School

Secondary School Certificate in Science (GPA: 5 out of 5)

Dhaka,Bangladesh
Jun.2006

Professional Experience**Primeasia University**

Lecturer

Dhaka,Bangladesh
Feb. 2013-present

- Conducted course instruction for undergraduate courses (Digital Logic Design (DLD), Numerical Techniques, Computer Graphics, Data Communication,Computer Networking)
- Utilized diverse teaching techniques and advised students regarding course works
- Planned lessons and course assignments, graded term papers and test materials

Bangladesh University of Professionals

Adjunct Faculty

Dhaka, Bangladesh
Jun. 2018-present

- Conducted Lab instruction for undergraduate courses (Multimedia Communication, Project Management, Data Communication andComputer Networks)
- Utilized diverse teaching techniques and advised students regarding course works

NGen IT Ltd

Industrial Trainee

Dhaka,Bangladesh
Nov. 2011-Dec.2011

- Completed an industrial attachment as a partial fulfillment of B.Sc. Engineering degree
- Developed applications using PHP, HTML

Research Experience

Military Institute of Science & Technology (MIST), Dhaka, Bangladesh

Supervisor: Maj(Rtd) Ziaul Karim

Thesis: “Robust Object Segmentation Using Modification of Classical Split and Merge Algorithm”

Our research goal was to improve the time complexity compared to previous algorithm. We implemented new algorithm that can segment any type of image including unknown images and achieved superior performances.

Publications

1. Deen Md. Abdullah ; Sara BinteZinnat ; RahnumaTasmin ; Shibbir Ahmed ; MahmudulHasan. “An Automated Advisor System to Suggest Response after Analyzing User Writings in Social Network.” In Research & Innovation in Information Systems, 2017 5th International Conference on, pp. 1-6 . ICRIS, 2017.
2. Shibbir Ahmed ; Abu Sayed Md. LatifulHoque ; MahmudulHasan ; RahnumaTasmin ; Deen Md. Abdullah ; Anika Tabassum. “Discovering knowledge regarding academic profile of students pursuing graduate studies in world’s top universities.” In International Workshop on Computational Intelligence(IWCI), 2016.

Academic Projects

- **Inventory Management System:** Database to control inventory in office and to place demand for new issue.
 - MSSQL and C# were used.
- **Traffic Signal Controlling System:** A hardware project, it required some software support. C++ was used for coding.
- **Hangman Game:** Graphics practice game implemented using Microsoft Visual Studio in OpenGL.
- **Medical Centre Management System:** Analysis dependent project to perform the medication procedure of students.

Key Skills

- Well versed with HTML, C, C++, Java
- Independently handled application development and modifications
- Data modeling, optimization and integration
- Open to learn and passionate about conducting in depth research in technical field
- Adaptable to long working hours on a regular basis
- Excellent co-ordination and communication skills

Technical Skills

Programming Language

- C/C++, C#, Java, MATLAB, Assembly language, Prolog

Networking

- CCNA

Database

- Oracle 10g, MySql, SQL Server

System Analysis and Design

- Understanding basic UML (Use Case Text, Use case diagram, class diagram, activity diagram, and sequence diagram), Making System Requirement Specification, and System Design Document
- Design Skill
- OpenGL

Awards

- Bangladesh Government Board Scholarship in HSC & SSC board examination
- Dean's Certificate in MIST (Military Institute of Science & Technology)

Associations

- *Group Captain*, Viqarunnisa Noon College
- *Group Captain*, Viqarunnisa Noon School
- *Organizer & Performer*, MIST cultural programme
- *Volunteer & Participant*, Viqarunnisa Noon School Science Fair