

Ahmed Dider Rahat

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Objectives:

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination, dedication and hard work.

BASIC ACADEMIC CREDENTIALS:

Examination	Passed Institute	Dept. / Group	Year	G.P.A
B.Sc. (Engg.)	North East University Bangladesh	CSE	2017	3.95 (Scale of 4.00)
H.S.C	Jalalabad College, Sylhet	Science	2011	3.90 (Scale of 5.00)
S.S.C	Al-Amin Jamia Islamia High School	Science	2009	5.00 (Scale of 5.00)

Undergraduate Thesis: Improving Performance of Bangla OCR through Post-processing. In our thesis we proposed a new technique to reduce the error rate in Bangla OCR system.

Achievements:

- Participated NCPC 2017 hosted by Chittagong University of Engineering and Technology.
- Participated ACM ICPC 2016 hosted by University of Asia Pacific.
- Participated NCPC 2016 hosted by University of Asia Pacific.
- Participated ACM ICPC 2014 hosted by Bangladesh University of Business and Technology.
- Placed 5th on Leading University IUPC, 2015.
- Solved 250+ problems in different site like (uva, lightoj, codeforcers, and other online/onsite contest).

Projects:

- Java Project: Car parking software. (Using: java)
- Project work-i: Result processing software. (Using: html, css, and MySql)
- Statistics: Project for calculating mode, median and standard deviation. (Using: c and c++)
- Simulation and Modeling: Implement the single server queue model and inventory system. (Using: MATLAB)

- Digital Logic Design: A project for logic circuit visualization. (Using: transistor and basic gate)
- Networking: A file transfer software within local area network. (using: java)
- Web Engineering: A Dynamic Website for a School. (Using: html, css, and MySql)
- Software Engineering: Student Alumni Software. (Using: java and MySql)
- Project work-ii: Software for managing NEUB-Tourist Club. (Using: java and MySql)
- Computer graphics: Car racing game. (Using: java)
- Artificial Intelligence: Solve 8 puzzle problems. (Using: c and c++)
- Machine Learning: Finding the similar document using “tf-idf” algorithm. (Using: java)
- Bio-informatics: Implement- ‘motive finding algorithm’; solve- ‘partial digest problem’ and ‘exon changing problem’. (Using: python)

Extra Co-Curricular Activities:

- Took 10+ ACM Workshops for CSE Students, NEUB
- Arranged 10+ Local and Real-time Contest for CSE Students, NEUB
- Teach ICT as a freelancer teacher in HSC level from 4 years.
- Worked at CSE Society, NEUB as Assistant General Secretary from 2015-2016
- Work at CSE Society, NEUB as Executive Member from 2016-2017
- Work at NEUB Tourist Club as Vice President from 2016-2017

Skills:

- Programming Languages: C, C++, Java, PHP, HTML, CSS, Latex, Python and MATLAB.
- Back end: Oracle 10g, MySQL.
- Operating System: Window (XP, 7, 8, 10)

References:

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