

Habibur Rahman



- 📍 Rajshahi, Bangladesh
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Career Objective

To secure a position where I can use my analytical skills, abilities and competitive programming experiences to tech students.

Research Interests and Current Endeavors

- Natural Language Processing
- Algorithm
- Data Science
- Machine Learning
- Sentiment Mining

Educations

- | | |
|-------------|---|
| 2017 | <i>Bachelor of Science in Computer Science and Engineering</i>
Rajshahi University of Engineering & Technology
CGPA: 3.77 out of 4.00 (Up to 7 th Semester) |
| 2012 | <i>Higher Secondary Certificate</i>
Alimuddin Degree College, Hatibandha, Lalmonirhat
GPA: 5.00 out of 5.00 (Without 4 th Subject)
Board: Dinajpur |
| 2010 | <i>Secondary School Certificate</i>
Parulia Schedule Caste Bi-Lateral High School and College, Lalmonirhat
GPA: 5.00 out of 5.00 (Without 4 th Subject)
Board: Dinajpur |

Undergraduate Research

- **Learning to Solve Percentage Word Problems by Parsing into Equations**
Field: **Natural Language Processing**
 - Semantic Parsing to generate equations
 - Train a local and global model based on the equation and actual result
 - Predict equation based on score from local and global model in testing
- **Time and Cost Effective Model for Classification Sentiment Review**
Field: **Data Mining & Machine Learning**
 - Fast and efficient model for sentiment analysis using Logistic Regression
 - Truncated Singular Value Decomposition (TSVD) for Dimension ReductionStatus: Submitted in **IC4ME2-2018**, Rajshahi, Bangladesh

Work Experiences

- **Camp Instructor for Fresher's - 2017**
 - Intro to Contest Programming
 - Basic Algorithm and Data Structure Introduction
- **Problem Setter and Judge**
“Devskill Coding Contest – 15”, “Codemash’17”
 - Setting Problems for the contests
 - Judging at the time of contest

Competitive Programming Activity

- Participated in the **ACM-ICPC Dhaka Regional** in 2016,
- Participated in the **National Collegiate Programming Contest** in 2015, 2016,
- Participated in the **Cybarnavts’16 National Programming Contest** in 2016,
- Participated in the **AB Bank IUT 8th ICT Fest Programming Contest** in 2016,
- Runner up in the **RoboTour and Programming Contest** in 2015,
- Participated in the **BUET Inter University Programming Contest** in 2015,
- Participated in the **RUET Intra University Programming Contest** in 2014,
- Participated in **50+** contests in **Codeforces**, Username: habib_rahman, Rating: 1448,
- Participated in **20+** contests in **Codechef**, Username: habib_ruet, Rating: 1977,
- Participated in **15+** contests in **Toph**, Username: habib_rahman,
- Solved **195+** Problems in **Light OJ**, User ID: 9823,
- Solved **175+** Problems in **Uva Online Judge**, User ID: 234262,
- Solved **25+** Problems in **SPOJ**, Username: habib_rahman

Major Courses

- | | |
|--|---|
| • Computer Programming (C) | • Data Communication |
| • Data Structure | • Peripherals & Interfacing |
| • Object Oriented Programing (C++, Java) | • Compiler Design |
| • Discrete Mathematics | • Digital Signal Processing |
| • Digital Techniques | • Information System Analysis |
| • Algorithm Design & Analysis | • Computer Network |
| • Numerical Method | • Computer Graphics |
| • Finite Automata Theory & Pulse Technique | • Neural Networks & Fuzzy Systems |
| • Database Systems | • Digital Image Processing |
| • Software Engineering | • Distributed & Parallel Processing |
| • Microprocessors & Assembly Language | • Network Security |
| • Applied Statistics & Queuing Theory | • VLSI Design |
| • Operating System | • Artificial Intelligence & Expert System |
| • Computer Architecture | |

Academic Projects

- **Bangla PDF to Bangla DOC Converter**
“An application for converting PDF to DOC for Bangla”, Language: **Java**
- **Online Judging System**
“Online Judging System for Programming Contest and Lab”, Language: **HTML, CSS, PHP**
- **Blood Bank Management Software**
“Search, Insert, Update, and Remove Donor for Database”, Language: **Java**
- **Game Rakhal**
“Interesting Desktop Game”, Language: **Java**
- **Daily Calorie Calculator**
“Application for calculation of daily Life Calorie”, Language: **Java**

Training

- **Programming Camp - 2013**
 - Math, Dynamic Programming, Data Structure, and Problem Solving
 - Conducted by – **Md. Mahbubul Hasan**, World Finalist – 2008 & 2009
- **Programming Camp – 2015**
 - Advance Dynamic Programing, Combinatorics, and Advance Graph Theory
 - Conducted by – **Syed Shariar Manjur**, World Finalist – 2014
- **Programming Camp - 2017**
 - Convex Hull Optimization, 2 SAT, Palindromic Tree, and Suffix Automata
 - Conducted by – **Sakibul Mowla**, World Finalist – 2015 & 2016

Awards

- **Student of the Year - 2015**
Computer Science and Engineering,
RUET
- **Excellence Award - 2015**
Computer Science and Engineering,
RUET
- **ACM-ICPC Dhaka Regional-2016**
Rajshahi Divisional Champion,
Top 10 University Awards
Team: RUET_OSIRIS
- **RoboTour and Programming Contest, IEEE RUET, Student Branch**
2015, Runners Up
Team: RUET_GALLINULE
- **Intra University Day Programming Contest, CSE, RUET**
2014, 4th Position
Team: RUET_MACROS

Certificates

- **Introduction to Python for Data Science, Data Camp**
- **Snack down 2016, 2017, Codechef**

And Many other certificates for participating in several contests and camps

Field of Specialization

- **Programing Language:** C, C++, Java, Python, C#, PHP
- **Operating System:** Microsoft Windows (Win 7, 8, & 10), Linux (Ubuntu)
- **IDE:** CodeBlocks, Spyder, Eclipse, Netbeans, SublimeText, gedit, MATLAB
- **Database:** MySQL
- **Markup Language:** HTML, Markdown

Professional Membership

- **RUET Analytical Programming Lab**
“Competitive Programming Group and Lab in RUET”
- **Robotic Society of RUET (RSR)**
“Robotics Group in RUET”

Profiles

**LinkedIn | ICPCID | Github | Blog | Codeforces | Codechef | Uva Online Judge | Toph
Light OJ | SPOJ**

Languages

- English
- Bangla

Personal Details:

Father's Name	: Mozibar Rahman
Mother's Name	: Hamida Banu
Gender:	: Male
Marital Status	: Unmarried
Date of Birth	: 26 th September, 1993
Blood Group	: B+
Religion	: Islam
Nationality	: Bangladeshi
Current Address	: Room #116, Bangabandhu Sheikh Mujibur Rahman Hall, RUET, Rajshahi-6204, Bangladesh
Permanent Address	: Village: South Parulia, PO: South Parulia, Upazilla: Hatibandha, Zilla: Lalmonirhat
Mobile No.	: +88 017 39 83 48 66

References

Dr. Boshir Ahmed,
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Firoz Mahmud,
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Computer Science & Engineering,
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Declaration

I, hereby declare that the above information is true and I will be responsible for any wrong information.

Yours Sincerely,

(Habibur Rahman)