

# Habibur Rahman



- 📍 Rajshahi, Bangladesh
- ✉ [habib\\_cse\\_ruet@yahoo.com](mailto:habib_cse_ruet@yahoo.com)
- 📞 +880 1739 83 48 66
- 🔗 <http://habib.tech>

## 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

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

## 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
- **Sentiment Mining using Logistic Regression Algorithm**  
Field: **Natural Language Processing**
  - Fast and efficient model for sentiment mining using Logistic Regression
  - Truncated Singular Value Decomposition (TSVD) for Dimension Reduction

## 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

## 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 Programming, Combinatorics, 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

## Competitive Programming Activity

- Participated in the **ACM-ICPC** Dhaka Regional in 2016, Team: RUET\_OSIRIS;
- Participated in the **National Collegiate Programming Contest** in 2015 as Team: RUET\_GALLINULE and 2016 as Team: RUET\_Breaking\_Condition;
- Participated in the **Cybnauts'16 National Programming Contest** in 2016, Team: RUET\_GALLINULE;
- Participated in the **AB Bank IUT 8<sup>th</sup> ICT Fest Programming Contest** in 2016, Team: RUET\_OSIRIS;
- Runner up in the **RoboTour and Programming Contest, IEEE RUET Student Branch** in 2015, Team: RUET\_GALLINULE;
- Participated in the **BUET Inter University Programming Contest** in 2015, Team: RUET\_GALLINULE;
- Participated in the **RUET Intra University Programming Contest** in 2014, Team: RUET\_MACROS;
- 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

## Awards

- **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, 4<sup>th</sup> 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  
**Gender:** : Male  
**Marital Status** : Unmarried  
**Date of Birth** : 26<sup>th</sup> 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,**  
Professor,  
Computer Science & Engineering,  
Rajshahi University of Engineering and  
Technology  
Cell: +88 017 13 22 85 47  
E-mail: [boshir78@gmail.com](mailto:boshir78@gmail.com)  
[boshir\\_bd@ruet.ac.bd](mailto:boshir_bd@ruet.ac.bd)

**Firoz Mahmud,**  
Assistant Professor,  
Computer Science & Engineering,  
Rajshahi University of Engineering and  
Technology  
Cell: +88 017 29 98 04 31  
E-mail: [fmahmud.ruet@gmail.com](mailto:fmahmud.ruet@gmail.com)  
[fmahmud@ruet.ac.bd](mailto:fmahmud@ruet.ac.bd)