

# 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, potentiality and competitive programming experiences to make learning process more effective.

## Research Interests and Current Endeavors

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

## Educations

- 2017**      *Bachelor of Science in Computer Science and Engineering*  
**Rajshahi University of Engineering & Technology**  
CGPA: **3.77** out of 4.00 (First Class with Honors, 6<sup>th</sup> Position)
- 2012**      *Higher Secondary Certificate*  
**Alimuddin Degree College, Hatibandha, Lalmonirhat**  
GPA: **5.00** out of 5.00 (Without 4<sup>th</sup> Subject)  
**Board:** Dinajpur
- 2010**      *Secondary School Certificate*  
**Parulia Schedule Caste Bi-Lateral High School and College, Lalmonirhat**  
GPA: **5.00** out of 5.00 (Without 4<sup>th</sup> Subject)  
**Board:** Dinajpur

## Undergraduate Research

- **Learning to Solve Percentage Word Problems by Parsing into Equations**  
Field: **Natural Language Processing**
  - Semantic Parsing to generate equations
  - Predict solution of the problems based on the generated equation
- **Weight-Based Scoring Approach for Solving Algebra Word Problems**  
Field: **Natural Language Processing**
  - Solve verbally expressed math problems with increasing accuracy

## Work Experiences

- **Lecturer**  
Dept. of CSE,  
University of Information Technology & Sciences,  
Baridhara, Dhaka  
15<sup>th</sup> January, 2018 to Present
- **Problem Setter and Judge**  
“Devskill Coding Contest – 15”, “Codemash’17”, and “RUET GyanJam - 2017”
  - 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 **Cybarnauts’16 National Programming Contest** in 2016,
- Participated in the **AB Bank IUT 8<sup>th</sup> 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
- **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  
“Fluent in Speaking, Excellent in Reading & Writing”
- Bangla  
“Native Language”

## Personal Details:

<b>Father's Name</b>	: Mozibar Rahman
<b>Mother's Name</b>	: Hamida Banu
<b>Gender:</b>	: Male
<b>Marital Status</b>	: Single
<b>Date of Birth</b>	: 26 <sup>th</sup> September, 1993
<b>Blood Group</b>	: B+
<b>Religion</b>	: Islam
<b>Nationality</b>	: Bangladeshi
<b>NID</b>	: 19935213366000019
<b>Current Address</b>	: Room #116, Bangabandhu Sheikh Mujibur Rahman Hall, RUET, Rajshahi-6204, Bangladesh
<b>Permanent Address</b>	: Village: South Parulia, PO: South Parulia, Upazilla: Hatibandha, Zilla: Lalmonirhat
<b>Mobile No.</b>	: +88 017 39 83 48 66

## References

**Prof. Dr. Md. Nazrul Islam Mondal,**  
Head,  
Electrical & Computer Engineering,  
Rajshahi University of Engineering and  
Technology, Rajshahi, Bangladesh  
Cell: +88 017 20 66 22 78  
Email: [nimbd@yahoo.com](mailto:nimbd@yahoo.com)  
[mondal@ruet.ac.bd](mailto:mondal@ruet.ac.bd)

**Dr. Boshir Ahmed,**  
Professor,  
Computer Science & Engineering,  
Rajshahi University of Engineering and  
Technology, Rajshahi, Bangladesh  
Cell: +88 017 13 22 85 47  
Email: [boshir78@gmail.com](mailto:boshir78@gmail.com)  
[boshir\\_bd@ruet.ac.bd](mailto:boshir_bd@ruet.ac.bd)

## Declaration

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

Yours Sincerely,  
*Habibur Rahman*  
(Habibur Rahman)