

FAHIM SHAHRIAR



House: 312/2-5, 26, Block-B, Notunbag, Taltola, Khilgaon, Dhaka-1219



Cell: +8801643014681



Email: imnirobs15@gmail.com



SUMMARY

Intuitive problem-solving skills. Proficient in C/C++, Python, Data Structure, and Computational Algorithm, Machine Learning Algorithm. Data Science Enthusiast. Energetic about executing and launching new projects. Ability to interpret business necessities into technical arrangements.



<http://www.linkedin.com/in/qwertyz15>



<https://github.com/qwertyz15>

SKILLS

- Language: *C/C++, Python*
- GUI Framework: *Tkinter, Qt*
- Web Scraping Tool: *BeautifulSoup*
- Database: *MySQL, MongoDB*
- Web technology: *HTML, CSS3, JavaScript, Bootstrap, Flask*
- Version Control: *Git, Github*
- Operating System: *Linux, Windows*
- Data Analysis Library: *Pandas, Numpy, SciPy, Matplotlib, Scikit-learn, Seaborn*
- Machine Learning: *Supervised Learning, Unsupervised Learning*
- *Natural Language Processing*
- *Image Processing*
- Deep Learning: *Tensorflow, Keras, Pytorch*

EXPERIENCES

- **Software Engineer**
Sigmind.ai
**Working with machine learning, deep learning, image processing, embedded systems.
Working on **Pensioner Verification
Duration: Jun, 2021 – Present
- **Software Engineer Trainee**
Sigmind.ai
- **Executive**
Comilla University CSE Programming Club
Duration: 2018 – 2020
- **Executive**
Comilla University IT Society
Duration: 2017 – 2019

RESEARCH PROJECTS

- **Analysis of Social Dynamics of COVID-19**

Analysis of the Spatio-temporal newspaper data of Bangladesh. Find out the COVID-19 related topics and their evolution over time. It also analyzes the sentiments of the news articles over time.

Link:

<https://github.com/gwertyz15/Analysis-of-the-social-dynamics-of-COVID-19>

- **Disease Outbreak Prediction Using LSTM & Facebook Prophet**

Prediction of any possible disease outbreaks using LSTM and facebook prophet as well as machine learning and statistical data analysis from retail pharmaceutical stores' sales data.

PUBLICATIONS

- **Automatic Monitoring Social Dynamics During a Big Incidences: A Case Study of COVID-19 in Bangladesh**

Analysis of the Spatio-temporal newspaper data of Bangladesh. Find out the COVID-19 related topics and their evolution over time. It also analyzes the sentiments of the news articles over time.

Link: <https://arxiv.org/abs/2101.09667>

PROBLEM-SOLVING

****Solved 1000+** problems in different online judges including [CodeForces](#), [CodeChef](#), [UVA OJ](#), [LightOJ](#), [URI OJ](#)

****Participated in over 100** contests including [Vjudge](#), [CodeChef](#), [Codeforces](#), and [Toph](#).

REGIONAL & NATIONAL LEVEL PROGRAMMING CONTESTS

- [CoU IUPC 2019](#) – Secured 3rd position in the rank list (CoU Eng Stupids)
- [Britannia University IUPC 2020](#) – Secured 9th position in the rank list (CoU Dauntless)
- [DUET IUPC 2019](#) – Secured 44th position in the rank list (CoU Mirror Squad)
- [IUT IUPC 2019](#) – Secured 53rd position in the rank list (CoU Mirror Squad)
- [SUST IUPC 2019](#) – Secured 60th position in the rank list (CoU Mirror Squad)
- [BUET IUPC 2019](#) - Secured 95th position in the rank list (CoU Mirror Squad)
- [MIST NCPC 2020](#) – Secured 85th position in the rank list (CoU Dauntless)
- [ICPC Dhaka Regional 2019](#) – Secured 126th position in the rank list (CoU Dauntless)

****P**articipated in around **15 regional & national level contests**, including **1 ICPC** (2019) and **1 NCPC** (2020).

EDUCATION

2021	Bachelor of Engineering	Comilla University Department of CSE	3.40/4.00 *Tentative CGPA
2015	Higher Secondary Certificate	Motijheel Govt. Boys School and College	4.83/5.00
2013	Secondary School Certificate	Chittagong Govt. High School	5.00/5.00

CERTIFIED ONLINE COURSES

- Machine Learning by Stanford University (Coursera)
- Machine Learning A-Z™: Hands-On Python & R In Data Science (Udemy)
- IBM Data Science Professional Certificate (Coursera)
- Deep Learning A-Z™: Hands-On Artificial Neural Networks (Udemy)

ABOUT

Nationality: Bangladeshi
Father's Name: Mohammed Elias
Mother's Name: Jobeda Begum
National ID No.: 240 524 2732
Date Of Birth: 21st July 1998

REFERENCE

Dr. Md Abul Bashar
Assistant Professor
Department of CSE, Comilla University
Postdoctoral Research Associate, Queensland University of Technology (QUT)
Mail: m1.bashar@qut.edu.au