

JAHANGIR HUSSEN

Dhaka, Bangladesh

+880 1849620018 | jahangirhussen.programmer@gmail.com | Jahangirhussen | jahangir-hussen-9204b8234



Personal Profile

A highly motivated programmer specializing in problem-solving and algorithm design, with expertise in LeetCode and Codeforces challenges. Skilled in Machine Learning and Data Science, including statistical analysis, data modeling, and predictive modeling. Contributed to multiple research papers and written book chapters on relevant topics. Actively improving programming skills through coding competitions and real-world projects. Passionate about applying machine learning and data science to solve complex problems and drive technological innovation.

Education

SONARGAON UNIVERSITY(SU)

Dhaka, Bangladesh

BSc in Computer Science and Engineering

jan 2020 - Current

- **Courses:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks, Web Programming, Software Engineering, Computer Graphics, Mobile Application Development, Data Science, Machine Learning, Deep Learning, Artificial Intelligence.
- **CGPA:** 3.75/4.00

IMPERIAL COLLEGE MOULVIBAZAR

Sylhet, Bangladesh

HIGHER SECONDARY SCHOOL CERTIFICATE (H.S.C) -Science

july 2018 - dec 2020

- Graduated with Distinction
- **GPA:** 4.25/5.00

NADAMPUR HIGH SCHOOL

Nabiganj, Sylhet, Bangladesh

SECONDARY SCHOOL CERTIFICATE (S.S.C)- Science

jan 2016 - jun 2018

- Passed with Distinction
- Specialised in Physics, Chemistry, Maths and ICT
- **GPA:** 4.33/5.00

University Projects

Wi-Fi Deauther

Bangladesh

Sonargaon University

2024

- Developed a tool to test Wi-Fi security by sending disconnection packets.

Toxic Comment Classifier

Bangladesh

Sonargaon University

2024

- Built a model to classify toxic comments using Logistic Regression and Naive Bayes, achieving 96% accuracy.

Skills

Programming Python (Pandas, NumPy, Matplotlib, Scikit-learn. etc.), JAVA, C, C++, HTML, CSS, JavaScript, Django, SQL.

Applications MS Office, Jupyter Notebook, PyCharm, Anaconda, Git, Eclipse, Visual Studio Code, Code::Blocks, Spyder, NetBeans

Competitive Programming & Coding Platforms

- **LeetCode** Active participant solving algorithmic challenges.
Max Rating : 1,645 Rank: 219,561
Profile: jahangirhussen
- **Codeforces** Engaged in competitive programming problems.
Max Rating: 1033
Profile: engr.jahangirhussen
- **CodeChef** Contributor and solver of algorithmic challenges.
Max Rating: 1,250

Profile: jahangirhussen

- **Kaggle** Involved in machine learning and data science competitions.

Ranking: [N/A]

Profile: jahangirhussen

Achievements

2024 **360/2500**, International Collegiate Programming Contest (ICPC)
2023 **1170/2500**, International Collegiate Programming Contest (ICPC)

Bangladesh

Bangladesh

Publications

JOURNAL ARTICLES

- **Defending Digital Discourse: Developing a Toxic Comment Classifier for Fostering Healthy Online Communities**

Naimul Hasan Shadesh, Jahangir Hussen, Zannatul Ferdous

International Journal of Computer Science and Engineering, vol. 11, no. 10, pp. 104–112, 2024.

DOI: 10.14445/23488387/IJCSE-V11I10P104

BOOK CHAPTERS

- **Green AI: Circular Economy and Environment Sustainability through Energy-Efficient Artificial Intelligence for a Better Planet**

Jahangir Hussen

Accepted for publication by IGI Global Scientific Publishing, USA (SCOPUS Indexed). Awaiting publication, 2025.

- **Human-Computer Interaction: Innovations, Challenges, and Future Directions**

Jahangir Hussen

Under Review

- **Data Privacy in AI**

Jahangir Hussen

Under Review

UPCOMING RESEARCH PAPERS

- **Predicting Heart Disease with Machine Learning: A Comparative Analysis of Models**

Jahangir Hussen , Taspia Momotaz, Madhabi Rani Kar

Under Review

Interests & Hobbies

- Research in Computer Science & Engineering
- Coding and Problem Solving (LeetCode, Codeforces)
- Watching Movies
- Writing Content and Articles
- Playing Cricket

Languages

English Educational Language - Professional Proficiency

Bengali Native - Full Proficiency

Hindi Advanced Listener, Novice Speaker

Urdu Advanced Listener, Novice Speaker