

Maruf Morshed Khan

IT Consultant (Programmer), SPFMS Project, Ministry of Finance, Government of People's Republic of Bangladesh
mmk301@gmail.com — +8801719-118627 — Portfolio — LinkedIn — Organization page

RESEARCH INTERESTS

Artificial Intelligence, Machine Learning, Deep Learning, Data Science, Data Mining, Natural Language Processing, Robotics, Reinforcement Learning, Autonomous Systems

PUBLICATIONS

Conference Paper

Published

- Nushrat Humaira, Naila Bushra, Zannatul Firdous, Maruf Morshed Khan, Md. Monirul Islam. Curvelet feature based fingerprint recognition: Using fourier enhancement. In 2013 International Conference on Informatics, Electronics and Vision (ICIEV).

EDUCATION

Bangladesh University of Engineering and Technology, Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering

2008 — 2016

ENGLISH & GRE TESTS

GRE General Test:

Quant: 167 — Verbal: 145 — Total: 312

Analytical writing: 4.0

Test date: November 2022

TOEFL (iBT): 104 (overall score)

Listening: 29 — Reading: 28

Speaking: 23 — Writing: 24

Test date: December 2022

EXPERIENCE

SPFMS Project, Ministry of Finance

IT Consultant (Programmer)

Government of People's Republic of Bangladesh

January 2021 — Present

- Design modules for the integrated budget and accounting system (iBAS++) for Government of People's Republic of Bangladesh.
- Development of the modules for accounting, payroll for government employees, beneficiary management.

Evatix

Software Engineer - SE III

Dhaka, Bangladesh

January 2018 — December 2020

- Design and development of an encrypted mail client.
- Design and development of a VPN client.

Top of Stack Software

Software Engineer

Dhaka, Bangladesh

May 2013 — December 2017

- Development of an educational institute management system.
- Design and development of an educational gaming application.

SKILLS

- **Programming:** C, C++, Python, Java, C#, PL/SQL, JavaScript
- **Software:** TensorFlow, Jupyter Notebook, MS Word, MS Excel, MS Power Point
- **Soft Skills:** Research, Problem Solving, Collaboration, Communication, Punctuality

AWARDS

Runners Up in Intra-department software development competition

An efficient and secure automated banking application.

Dhaka, Bangladesh

2012

PROJECTS

- Online Money Transaction & Bill Payment System.
- Micro-controller based "Automated Door Lock System".
- Micro-controller based "Automated Water Flow Controlling System".
- Program an E-puck.
- "Web Browser for mobile" using JAVA (J2ME).
- "Bus Service Management System" using IGraphics.

COURSES

Bachelor's Courses

- Algorithms
- Discrete Mathematics
- Artificial Intelligence
- Pattern Recognition
- Machine Learning
- Theory Of Computation
- Data Structure
- Calculus, Geometry, Probability, Statistics, Fourier Analysis, Matrices, Complex Variables

Additional Courses

- Machine Learning - Coursera

Notable Works

Ranked 3036 in UVA Online judge

Solved 300+ problems in UVA Online judge and LeetCode

REFERENCES

Prof. Dr. Md. Monirul Islam

Professor, Computer Science and Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh

E-mail: mmislam@cse.buet.ac.bd

Scholar Profiles: Bangladesh University of Engineering and Technology - Personal Page

Md Mahbubul Hasan

Software Engineer, Google; Former Lecturer, Computer Science and Engineering, Bangladesh University of Engineering And Technology, Dhaka, Bangladesh

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Ashraful Islam Siddique

Senior IT Consultant, SPFMS Project, Ministry of Finance, Government of People's Republic of Bangladesh

E-mail: ashrafuli@ibas.gov.bd