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   2008 — 2016
Bachelor of Science in Computer Science and Engineering

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   Government of People's Republic of Bangladesh
IT Consultant (Programmer)   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   Dhaka, Bangladesh
Software Engineer - SE III   January 2018 — December 2020

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

Top of Stack Software   Dhaka, Bangladesh
Software Engineer   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 Dhaka, Bangladesh
An efficient and secure automated banking application. 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
- Discreet 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*
E-mail: mahbub@google.com

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