Md. Tariqulhasan Fazle Rabbi

Curriculum Vitae

Contact Information:
Permanent Address: 989/1, Catiany, Buderhat Road, Pabna Sadar, Pabna, Bangladesh.
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Nationality: Bangladeshi
Date of birth: 12/11/1995

Career Objective:
Intend to work in a challenging competitive environment which will provide me with opportunity to flourish my talent and to utilize the hidden potentials within myself so that the organization can reap maximum benefit up to the level of satisfaction. I was class representative throughout my university life in all semesters and also helped to understand class lectures to my classmates after class and before semester examination. Played an important role in ACM-ICPC 2017 and ICCIT 2017 as a technical support. Now I also worked as a Full Time Teaching Assistant in University of Asia Pacific. Now I'm working as an IT Officer in Wowbangla Ltd.

Educational Background:
1. B.Sc. in Computer Science and Engineering, University of Asia Pacific, Dhaka, Bangladesh. CGPA: 3.72 out of 4.00
2. Higher School Certificate (2012), Agrani School and College, RUET campus, Rajshahi, Bangladesh. GPA: 4.60 out of 5.00
3. Secondary School Certificate (2010), Rajshahi Chini Kal High School, Horian Rajshahi, Bangladesh. GPA: 4.69 out of 5.00

Software Projects:
1. Scientific Calculator, Copy Checker between two texts: C and C++
2. Cranny Ball: C graphic
3. Tic-Tac-Toe (5*5), Calculator, Unit Converters: JAVA swing
4. Doctors Management System: Java, JDBC
5. LAN Messenger: JAVA, JDBC, Socket Programming
6. Canteen Management System: Android
7. Attendance System v1: Android, SQLite,
8. Attendance System v2: Android, PHP, MySQL
9. Various simple Android App: Android
10. Sudoku Game: JAVA Swing
11. Digital CV using Django Framework
12. Personal Blog using Django Framework
13. Local Data Searching using PHP, MySQL

Achievements:
1. VC's Award
2. Dean's Award(2 times)
3. Young Scientist, (2nd Runner Up)(College Division)(Young Science Fair 2011, BCSIR, Rajshahi)

Hardware Projects:
1. Attendance System using Finger Print Scanner: Arduino UNO, Fingerprint Scanner(FPS-GT511C3)
2. Basic Calculator: Arduino UNO
3. Advanced Home Automation Control System using Wireless Medium: Arduino UNO, Bluetooth Module
4. IoT Based Home Automation System with Customizable GUI and Low Cost Embedded System

Technical Skills:

Languages: C, C++, Java, Arduino UNO, HTML, Android (JAVA+XML), Swift 3, Python (Django Framework), JavaScript,

Simulators: emu8086, Genymotion (Android), Cisco Packet Tracer

OS: Windows, various Linux distributions (Ubuntu, Kali, Lubuntu, Linux Mint) and Mac OS

Database: SQL Server, SQLite, MySQL

Design Tools: graphics.h (CodeBlocks), Open-GL, Eclipse, Net Beans, Dreamweaver, Visual Studio Code, Android Studio and Xcode, Anaconda, Pycharm.

Hardware: Arduino.

Experience:
1. IT Officer (May 2019 - Present)
2. Teaching Assistant – University of Asia Pacific (October,2018, March 2019)
3. Project Manager – MAT Solutions Inc. (March, 2018- June, 2018)

Other Activities:
Gaming, Software Projects, Music, Movie, Electronic Gadgets

Hobbies:
Playing Badminton, Cricket, Football, Travelling, Reading.

Volunteer Activities:
1. Technical Team Leader(ACM-ICPC-2017), UAP
2. Floor Leader(ACM-ICPC-2017), UAP
3. Technical Team(ACM-ICPC-2016), UAP
4. System Engineer(ICCIT 2017), UAP
5. Technical Support(Many Conference held in UAP, Dhaka)
6. Volunteer(8th Convocation of UAP)
7. Class Representative in Own Section(From 2014 to 2017)
8. Programming Trainer, Vangura Education and Technology Festival, 2019
9. Volunteer, BdOSN

Publications:

1. **Academic Journal:**

   a. **Rabbi, M. T. F.,** Rahman, S. T., Biswash, P., Kim, J., Sheikh, A., Saha, A. K., & Uddin, M. S. (2019). Handwritten Signature Verification Using CNN with Data Augmentation. *The Journal of Contents Computing*, *1*(1), 25-37.

2. **Conference Paper:**

   a. Haque, M. E., Islam, M. R., **Rabbi, M. T. F.,** & Rafiq, J. I. (2019, December). IoT Based Home Automation System with Customizable GUI and Low Cost Embedded System. In *2019 International Conference on Sustainable Technologies for Industry 4.0 (STI)* (pp. 1-5). IEEE.

References:

1. Dr. Mohammad Shorif Uddin, Ph. D, Professor, Department of Computer Science and Engineering, Jahangirnagar University, Email: shorifuddin@juniv.edu

2. Dr. Bilkis Jamal Ferdosi, Ph. D, Professor and Head, Department of Computer Science and Engineering, University of Asia Pacific, Email: bjferdosi@uap-bd.edu