ANIKA TABASSUM

BTI Chorus, Flat: A/8, Plot: 9 & 11, Block: A, Aftabnagar, Dhaka-1212

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EDUCATION

East West University   *Dec, 2018*
Bachelor of Science in Computer Science and Engineering   *CGPA: 3.85/4.00*

Compulsory CS Courses: Structured Programming, Object Oriented Programming, Discrete Mathematics, Data Structures, Compiler Design, Software Engineering and Information System Design, Numerical Methods, Algorithms, Signal and Systems, Electrical Circuits, Electronic Circuits, Database Systems, Operating Systems, Digital Logic Design, Data Communications, Computer Architecture, Computer Networks, Microprocessors and Microcontrollers, Social and Professional Issues in Computing.

Software and Information Systems Group Courses: Computer Graphics, Advanced Database System, and Software Quality Assurance.

Intelligent Systems Group Courses: Artificial Intelligence, Machine Learning and Data Mining.

Awards & Scholarships:
Magna Cum Laude (CGPA from 3.80 to 3.89)
Merit Scholarship (GPA greater than 3.90 in one year)   *spring, summer, fall- 2018*
Dean's List Scholarship (GPA greater than 3.75 in one year)   *spring, summer, fall- 2017*
Medha Lalon Scholarship (GPA greater than 3.50 in one year)   *spring, summer, fall- 2016*

Al Amin Academy School & College   *Apr, 2013*
Higher Secondary Certificate   *GPA: 5.00/5.00*
Studied: Science

Al Amin Academy School & College   *Mar, 2011*
Secondary School Certificate   *GPA: 5.00/5.00*
Studied: Science

RESEARCH INTEREST

My primary research interests include Software Engineering, Data Science, Big Data Analytics, Machine Learning, Artificial Intelligence, and Business Intelligence, Data Visualization, Data Management, Database and Information Systems, and Data Security.

PUBLISHED PAPER

Tabassum, A. I. Nady and M. Rezwanul Huq, "Mathematical Formulation and Implementation of Query Inversion Techniques in RDBMS for Tracking Data Provenance," *2019 7th International Conference on Information and Communication Technology (ICoICT)*, Kuala Lumpur, Malaysia, 2019, pp. 1-6, doi: 10.1109/ICoICT.2019.8835290.

WORK EXPERIENCE

Southtech Group Ltd.   *Jan, 2023- Jul, 2024*
Senior Software Engineer

Southtech Group Ltd.   *Jul, 2019- Dec, 2022*
Software Engineer

Responsibilities:
- Software Release Management
- Developing Business Intelligence (BI) Tool
- Designing Financial BI Reports and Dashboards using Power BI
- Data Warehousing and Data Archival process
- ETL (Extract, Transform & Load) process development.
- Writing unit tests to meet maximum coverage using JUnit
- Maintaining Power BI Gateway to access data from on-premises networks.
- Database Performance Optimization
- Incorporating required features in the existing solutions
- Maintaining CMMI 5 development requirements in Agile

East West University   *Sep, 2017 – Mar, 2019*
Graduate & Undergraduate Teaching Assistant

Courses assigned:
- Structured Programming in C
- Electrical Circuit
- Data Structure
- Data Communication
- Signal and Systems

Responsibilities:
- Evaluating student's performance in lab classes
- Assisting the instructor in reporting final grading
- Supporting the enrolled students with their coursework
- Facilitating the instructor in the exam hall

ADDITIONAL EXPERIENCE

Fast Track Future Leader (FTFL)   *Apr, 2019 - Jun, 2019*
Offered by Leveraging ICT for Growth, Employment and Governance Project, ICT Ministry Bangladesh
Basic OOP, Core Java, Spring MVC, Hibernate, JPA Repository, SQL, JQuery, Ajax, Angular JS, JS, HTML, CSS

Training Courses:
- *"AWS Developer Associate"* from Izaan School of Engineering, USA
- *"ISTQB Certified Tester Level"* from eGeneration, Bangladesh
- *"Complete Data Science Training: Math, Statistics, Python, Advanced Statistics in Python, Machine and Deep Learning "* from Udemy

TECHNICAL STRENGTHS

Programming Languages & Framework C, C++, JAVA, Spring MVC, Hibernate, Python, JavaScript, HTML, CSS, DAX
Database Management Systems   MS SQL, MySQL, Oracle, H2 Database, PostgreSQL
Technology   Business Intelligence, Data Visualization, Amazon Web Service
Tools   Power BI Desktop, Tableau Desktop, IntelliJ, Eclipse, Postman, MSSQL Management Studio, MySQL Workbench, Visual Studio, Weka, Tortoise SVN, WildFly, Tomcat, Enterprise Architecture, UiPath (RPA), MS Office, MS Excel, and MS PowerPoint

LANGUAGE PROFICIENCY

Language: English
IELTS: Overall (7.0) L-7.5, R-6, W-6.5, S-7
CEFR Level: C1

EXTRA-CURRICULAR

Participant: Programming Contests
Organizer : IT Event Management, East West University

REFERENCES

Dr. Maheen Islam   **Dr. Mohammad Rezwanul Huq**
Chairperson,   Associate Professor,
Department of Computer Science & Engineering,   Department of Computer Science & Engineering,
East West University,   East West University,
Dhaka, Bangladesh   Dhaka, Bangladesh
Email: maheen@ewubd.edu   Email: mrhuq@ewubd.edu