

M.Sc (Research) in Computer Science at Brock University

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About Me:

The desire for a responsible position to contribute effectively in the field of software development through optimal utilization of educational qualification, experience, creativity and hard work. Finally, to build a career as a successful IT Professional and participate in advanced research in the concerned fields.

Educational Qualifications:

M.Sc. (Research) in Computer Science

Institution name : Brock University, ON, Canada
Department : Faculty of Mathematics and Science
Current Result : **89%**

Graduated B.Sc. in Computer Science and Engineering

Institution name : Islamic University of Technology (IUT)
Department : Computer Science and Engineering (CSE)
Result : **CGPA 3.49** (Out of 4)

Skills:

- **Operating Systems:**
 - Windows, Mac OS, Linux
- **Programming Languages and Frameworks:**
 - C & C++
 - Java
 - Swift
 - HTML, PHP (CodeIgniter)
 - JavaScript
 - Groovy
 - Node.js (Basic)
 - Python, Django
- Unix Shell Programming
- SQL / PLSQL
- Assembly Language
- LaTeX
- Ruby (Rails)
- Batch Scripting
- C#
- Haskell (Basic)
- MATLAB
- **Version Control Tool:**
 - Gerrit, GitHub, GitLab
- **Development Tools and IDE:**
 - NetBeans
 - Eclipse
 - Quick Build, Jenkins
 - Unity, AutoCAD
 - Microsoft Visual Studio
 - Arduino IDE
 - XCode, XCodebuild
 - Appium, Selenium W/D

Academic, Non-Academic and Professional Works:

- **M.Sc. Thesis:** Priority-Based Resource Allocation Model for Vehicular Fog Computing (Vehicular Fog Computing, Resource Management, Prioritization, Fuzzy Algorithm, Q-learning)
- **Publication:** [Submitted] “**Renovo: A Sensor-Based Assessment and Visualization Tool for Hemiplegic Upper Limb Rehabilitation.**” (Rehabilitation, Assistive Tool)
- An Arduino based project “Autonomous Luggage Carrying Robot for Elderly People”. (Secured 2nd position in Project Showcasing of 8th National ICT Fest 2016).
- A sensor-based arm visualization and interaction project. (Secured 1st position in Project Showcasing of ESSONACE 2017).
- An android application and website for event search of Bangladeshi events - “Event Hunt” (Language: Java, Database: MySQL, IDE: Android Studio).

- A project on different tourist destinations and their accessibility - “Tourism in Bangladesh” (Language: Java, IDE: NetBeans, Database: Oracle 10g)
- “The Theatre”- An online movie database system (Language: Java, IDE: NetBeans)

Professional Works:

- iOS Complete Build configuration and SCM management.
- iOS build time optimization and central build system
- Continuous Integration System and Static Analysis (like- Tailor, Clang, Infer, SwiftLint, SonarQube, etc.) for Different iOS, Android, Windows projects. (Python, Unix Shell Programming, QuickBuild)
- Continuous Deployment using AWS services and xcrun tool.
- Test Automation Using Appium and Selenium Web Driver.
- Configured proof build for multiple projects in Gerrit, Github and Gitlab. [Shell, Python, Quickbuild]
- Configured Release Process Automation using Quickbuild and Shell
- Test Automation Framework [Environment: Docker, Word press, Jenkins, Code igniter; (TAF is LTE testing platform with eNodeb)]
- Artifactory Deployment Service [ADS Web section using- Python, Django, MySQL, venv]

Work Experience:

- **Graduate Teaching Assistant at Brock University.** (January 2021 - Present)[Conducted Consultation session with students regarding the lecture, Conducted Tutorial Session on different topics, Graded student answer scripts]
- **DSL & MDGL Assistant at Brock University Library:** (September 2021 – May 2022)[Digital Scholarship Lab & Map, Data, GIS Library Student Assistant, Work on different tools that can be used and implemented in DSL]
- **Senior Software Engineer at Samsung Research and Development BD LTD.** (February 2018 – October 2020) [Working with iOS SCM & Dev Ops activities, Continuous Integration System, Test Automation Framework, Continuous Deployment using AWS and other web development works using Django, PHP, WP]
- **Intern Software QA Engineer at Nilavo Technologies Ltd** (November 2016 –December 2016). [Worked with Web test automation using selenium web driver]

Personal Details:

Father's name : Shah MD. Abdur Rouf.
 Mother's name : Helana Parvin.
 Date of birth : October 8, 1996.
 Sex : Male.
 Nationality : Bangladeshi.
 Marital Status : Single.
 Present Address : 44 Pelham Road, St. Catharines, ON L2S 1R4
 Language : Bengali (Mother Tongue)
 English
 (IELTS 7.5 – L8.5, R7.5, S7, W6.5)

Reference:

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