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| **TECHNICAL SKILLS** | | | | |
| Programming | : | Java, C++, Python, JavaScript, C, ARM/x86 Assembly | | |
| Markup / Stylesheet | : | JavaFX, QML, HTML5/CSS3, XML, LaTeX, Markdown | | |
| Frameworks | : | Android, QT, Junit, GTest, Selenium Webdriver | | |
| Databases | : | Oracle, PostgreSQL, MongoDB, MSSQL | | |
| Version Control | : | GIT, TFVC, Perforce, SVN | | |
| Issue Tracking / Project Management | : | Jira / Confluence/ Bitbucket, Github Boards, TFS/TFVC, IBM ClearQuest, Trello | | |
| IDE | : | Intellij, Visual Studio, VS Code, Source Insight, Pycharm | | |
| Data Analysis | : | R, MS Excel | | |
| Operating Systems | : | MacOS, Windows, Linux | | |
| **PROFESSIONAL EXPERIENCE** | | | | |
| ***Lecturer, Computer Science (CS)*** | | | May 2018 – Present | |
| ECE Department, North South University (NSU) | | | Dhaka, Bangladesh | |
| * Instructed *Algorithm, Data Structure, OOP, QA, Software Design & Computer Architecture* coursesas full-time faculty. * Worked with Campus IT on developing university career center web portal as a technical consultant. * Launched career services for engineering school, achieved 2.5x increase in on-campus recruitment and placement. * Designed and manage software development internship course for ECE department with industry collaboration. | | | | |
| ***R&D Software Engineer 2*** | | | Jun 2016 – Feb 2018 | |
| Keysight Technologies | | | Santa Rosa, CA, USA | |
| * Developed features for design automation tools using QT/C++ 14, Python and Agile/SCRUM. * Deployed favorite workspace features in ADS 2017 release, reduced circuit element search time by 40%. * Reduced technical debt by porting features written in legacy AEL script to modern C++ frameworks and refactoring. | | | | |
| ***Graduate Assistant (GA)*** | | | Aug 2014 – May 2016 | |
| Computer Science Department, Colorado State University (CSU) | | | Fort Collins, CO, USA | |
| * Published and presented first author papers on mobile & wearable interaction at CHI’16 & MobileHCI’15 conferences. * Instructed Java & Computer organization lab courses as a Teaching Assistant (TA). * Developed video annotation (C#) & data collection (Android) tools as Research Assistant (RA) in Ruiz Lab. | | | | |
| ***Senior Software Engineer / Software Engineer*** | | | Mar 2011 – Jul 2014 | |
| Mobile Lab Division, Samsung R&D Institute Bangladesh (SRBD) | | | Dhaka, Bangladesh | |
| * Developed Internationalization (**i18n**) & Localization (**L10n**) features in Samsung Feature & Smart phones. * Ported *ChatOn*, *Facebook*, *Twitter* SNS applications & deployed region-specific core applications in phone platforms. * Resolved 18% of reported production/market release issues & developed critical patch in Rex 70 MEA model release. * Received best SRBD employee award for Rex 70 MEA project contribution and promotion to senior role in March 2013. * Packaged phone binaries for *Alpha*/*Beta*/*Release Candidate* testing & *Stable*/*Hotfix*/*Update* releases. * Performed code reviews and provided mentoring to freshers on platforms, tools and processes. * Debugged issues using USB/JTag/Trace32 hardware, emulators and static code analysis. * Interfaced on-site at UAE, Korea, India with QA/Marketing/Dev teams for field testing & product launching. | | | | |
| **EDUCATION** | | | | |
| M.S, Computer Science | | |  | May 2016 |
| Colorado State University (CSU) | | | Fort Collins, CO, USA | |
| B.Sc, Computer Science & Engineering | | |  | February 2011 |
| Bangladesh University of Engineering & Technology (BUET) | | | Dhaka, Bangladesh | |