Sadat Ahmed

University of Waterloo
Computer Science / Software Engineering Option
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SKILLS SUMMARY

- Proficient with programming in C, C++, C#, JavaScript, Java, AngularJS, Swift, Objective C, jQuery and HTML, Python, Bootstrap, Scala, Hadoop, SQL at the intermediate level
- Familiar with multithreading, synchronization primitives and network protocols
- Experienced in using Source Repository Control Systems (Github, Bitbucket) and Bug Tracking Systems (Axosoft and JIRA)
- Competent in using Windows, Linux, Unix , Aix and Solaris machines
- Self-motivated, adaptive and a quick learner; good at working in a team or at an individual level

WORK EXPERIENCE

Full Stack Web Developer Co-op, Imagine Communications Corp
May 2015 – August 2015

- Developed a web application from scratch using jQeury, JavaScript, TypeScript, Bootstrap, AngularJS and HTML5 from a Silverlight version of the application
- Expanded the server side code using C# tools for supporting the front end of the Web Application
- Gained experience in understanding Silverlight and debugging it
- Gained exposure to Advanced Rest Client and handling JSON format Data

Software Developer Co-op, QuickTapSurvey
September 2014 – December 2014

- Maintained and fixed bugs of the Web Application of QuickTapSurvey
- Gained exposure to ios and android tablet development
- Learned beginner level concepts about web frameworks (Spring and Hibernate) and valuable concepts of source repository control (Github)
- Helped in QA regression testing and writing automated test cases using Selenium

Junior Innovation Engineer Co-op, Ericsson
January 2014 – April 2014

- Developed dynamic Website for application purposes using JSP and HTML
- Constructed Servlet classes to handle HTTP protocols for management of data between client and server
- Created server for Web Hosting in Linux environment, consisting of static network configuration, TOMCAT and MySQL

- Gained experience in testing IMS Network and CSCF for overload, engineered capacity and latency using SIPp and Titansim Traffic Simulator
- Developed XML Scripts for SIPp usage and handling response such as 480, 500, 503, etc

Web & E-Business Application Developer Co-op, Sun Life Financial
January 2013 – April 2013

- Developed internal web pages using C#, ASP, JavaScript, HTML and CSS
- Gained experience and became proficient using VBScript
- Created automated reporting system on file systems in the databases using VBScript

Mobile Application Developer (cloud developer) Co-op, Clearbridge Mobile
May 2012 – August 2012

- Developed a mobile application in a cross-platform environment (Appcelerator) using JavaScript with JSON data provided by back end services
- Developed and fixed bugs in Objective-C
- Tested the application and developed test cases

Build Engineering Co-op, Open Text Corporation
September 2011 – December 2011

- Debugged and fixed problems in the central build environment (build failures; build machine failures, disk space problems, service unavailability etc.)
- Installed build tools (compilers, sdks, etc.) on central build machines (VMware)
- Provided support for requests from Dev/QA team members

PROJECTS

POOLME, University of Waterloo, Android Application
January 2015 – April 2015

- Developed a carpooling application using Facebook Login API, Google Maps Support and JDBC database
- Gained exposure to develop the design and architecture of a software from an idea

Game of Snake (Recreating the snake game in Nokia), Personal, MacBook Application
April 2016 – Present

- Self motivated project in order to keep learning
- Developed using Swift, SpriteKit and Object Oriented Programming Principles

Relevant Courses

Operating Systems   Introduction to Database Management   Software Design and Architecture

Software Req: Specif and Analysis   Software Test Quality Assurance and Maintenance   Algorithms

Distributed Systems   Computer Networks   Object Oriented Software Development   Big Data

Science   Object Oriented Software Development   Data Structures and Data Management