

**Sadat Ahmed**  
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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
  - Comfortable writing backend systems using NodeJS at the beginner 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
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## WORK EXPERIENCE

### ***Full Stack Web Developer Co-op, Imagine Communications Corp***

May 2015 – August 2015

- Developed a web application from scratch using jQuery, 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

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## PROJECTS

***Portfolio, Personal, Web Application***

July 2016 – Present

- Implemented a personal website using HTML5, Bootstrap, AngularJS and NodeJS

***Game of Snake (Recreating the snake game in Nokia), Personal, MacBook Application***

April 2016 – Present

- Implemented using Swift, SpriteKit and Object Oriented Programming Principles

***Big Data, School Project, Big Data Applications and Analysis***

January 2016 – April 2016

- Implemented various Algorithms to scale using Hadoop and Spark for assignments. The programs ran on 1.0 GB of data on a 20 node cluster