

Manjot Sandhu

Software Developer

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Objective

Obtain a full time or part time position doing valuable work for your organization by utilizing my technical experience, skills, and knowledge.

Education

Seneca College - Bachelor of Technology - (2013 - Present)

Currently working towards a Bachelor of Technology in Software Development.

Ryerson University - Bachelor of Commerce - (2011 - 2013)

Worked towards completion of Bachelor of Commerce in Business Technology Management. Gained important insight into business processes and practices in relation to tech and IT.

North Park Secondary School - High School Diploma (IBT) - (2007 - 2011)

Completed high school diploma with honors and received certificate for completion for the International Business and Technology program.

Technical Skills

Languages: C, C++, Java, C#, VBScript, PHP, JavaScript, CSS, HTML, and SQL

Frameworks: Bootstrap, Selenium Webdriver, ASP.NET, Firebase, Node.js, and jQuery

Tools: Git, Maven, Gradle, HP LoadRunner, HP TruClient, HP UFT, and Jenkins

Operating Systems: Linux/Unix, Mac OS X, Android, and Windows

Experience

Manulife Financial - Software Quality Analyst - Co-op - (May 2017 - August 2017)

- Automating complex database interaction scenarios and testing workflows using HP UFT
- Containerizing these interactions to be leveraged by other members of the QA team on an “as needed” basis
- Working alongside stakeholders to establish requirements and gathering feedback on development work on a weekly basis
- Establishing documentation and conducting knowledge transfer with various stakeholders upon completion of development work
- Working alongside other co-op students and experienced developers to troubleshoot complex technical issues

Economical Insurance - Test Developer - Part-Time - *(September 2016 - April 2017)*

- Developing and writing new test cases based on existing manual test scenarios in Java utilizing Selenium Webdriver and Selenium RC
- Performing structural changes or refactoring aspects of the existing test harness based on business needs
- Utilizing git to push changes to existing code base in collaboration with team members and stakeholders
- Using Jenkins and Log4j/SLF4J to automate test suite runs and error reporting logging of test steps and data

Economical Insurance - Summer Student - *(May 2016 - August 2016)*

- Developing and writing new test cases based on existing manual test scenarios in Java utilizing Selenium Web Driver
- Updating and maintaining an existing test harness based on changes to various business applications
- Leveraging test harness to perform test runs and communicating results to various stakeholders
- Leveraging HP LoadRunner and HP TruClient to write UI automation scripts to perform automated test data population on new environments

Projects

WhaDo - Android Application

- Android application that allows users to create and respond to custom real time polls about a variety of topics
- Polls are searchable by category, users can follow users and view polls on their home feed
- Utilizes Firebase on the backend to store and process poll data and user data
- Makes use of Firebase's Social Media API's and enables WhaDo to integrate with Google+ and Facebook for user account creation and user login
- Built over a 4-month time period in collaboration with two classmates and is currently still being refined and developed

Aqua Monitor - Web Application

- Web application that tracks and displays real time aquarium data from a aquarium controller with an existing API
- Users can interact with historical data from various components of the controller and view real time updating information on the various modules connected to the system
- Fully functional user management system with options for periodic updates with select aquarium data specified by the user
- Built using JavaScript, HTML, and CSS with the use of Firebase, Material Bootstrap, and HighCharts.js