Sari Abdel-Latif

sari.alatif.ca   sari.alatif@gmail.com   github.com/s-ltf   (905) 902 5489

Experience

Automated Test Developer May 2013 – August 2013 BlackBerry, Mississauga , ON	Role: • Give a (GO or NOGO) promotion decisions on different app features depending on performance test results. • Was in charge of setting up lab machines, deploying the needed software and configuring systems for performance testing Accomplishments: • Co-designed and implemented a centralized database to hold and maintain performance tests for various teams within the automated test development umbrella. • Co-designed and implemented a front end webpage to display and organize the data from the database • Was in charge of adding new featured and performing regular maintenance to the framework.
Automated Test Developer May 2012 – August 2012 Research In Motion, Mississauga , ON	Role: • Developing and maintaining various automated scripts and frameworks, aimed for testing performance aspects. • Writing reports, maintaining wiki pages and communicating with various teams regarding progress and the status of the developed and under development scripts and frameworks. • Conducting training sessions on how to use the different developed frameworks Accomplishments: • Writing multiple testing scripts in Java to control and test devices. • Developed 3 frameworks, responsible for collecting performance data, parsing the collected data and uploading to a dedicated server. • Ran multiple training sessions. • Co-designed and developed a GUI tool to simplify use of the different frameworks.
Instructional Assistant Intern (IAI) August 2011 – April 2012 McMaster University, Hamilton, ON	Role: Taught (ENGINEERING COMPUTATION) course to first year engineers through delivering daily Tutorials and supervising labs. As well as provide training to teaching assistants. Accomplishments: • Developing PWE open source project utilizing GitHub. • Developed a multitude of Python programs/scripts for extracting and processing raw data about students (e.g. processing lab marks and extracting relevant stats) • Was able to become proficient in LaTeX language overnight, for editing and developing tutorial slides for lectures. • Was in charge of over 400 students, and administered various lectures with an average attendance of 50 students.

Team Leader/Swing Manager August 2010 – July 2011 McDonalds Restaurant, Hamilton, ON	Role: Manage Restaurant staff (lead, monitor, and follow up), Handle customer complaints as well as controlling labor and doing administrative paper work. Accomplishments: • Awarded EOM (Employee of the Month) more than once. • Made Highest Part-time position possible (Swing Manager) within 2 years of being hired part-time.

Projects

Indoor Mapping System (Graduation Project) 6 members, McMaster University, Hamilton, ON	• Goal of project to design a vehicle to autonomously map a building floor and generate a 2D map of it, with points of interest (e.g. doors, name plates) shown at their respective locations. • In charge of back end integration, designing of databases, communication modules, generating 2D map out of processed sonar data. • Utilized a variety of technologies (mongoDB, redis , Flask (Python Webframework) , javascript) • Designed, implemented and deployed the web front page. • Source Code available on **GitHub** (https://github.com/s-ltf/IMS/tree/draft)
RIM – internal projects	• Parse through different logs and upload them through python scripts • Designed multiple batch files and shell scripts to collect data. • Co-designed and Developed a C# based tool to communicated with devices through command line and simplify the usage of the different frameworks.
PWE open source project	• Provides Wrapper functions for popular online APIs,i.e. weather,geolocation and other • Source available on **GitHub** (https://github.com/s-ltf/py-web-essentials)
HiCal Course Project, 5 members, McMaster University, Hamilton, ON	• Was Team leader, lead in planning and executing the program from specifications collection to final debugging stages • Was in charge of UI and final compiling and testing of the program. • Developed the program entirely using the Java language. • Our team was one of the few who got a perfect score.

Skills and Knowledge

- Used **Python, C# , SQL, noSQL, Java, Shell scripting (Bash/Batch),C++/C** and Other Languages in various assignments for my courses and on projects during my coop terms
- Basic knowledge of **HTML, CSS, PHP and JavaScript/JQuery**.

Education
B.Eng.Mgmt, Software Engineering and Management   Expected Completion April 2014
McMaster University