Mathusan Selvarajah

SUMMARY OF QUALIFICATIONS

- Highly **motivated** to obtain new skills and enhance technical knowledge
- Excellent **team work** and **leadership skills** developed through extra-curricular activities
- Strong **communication skills** obtained as a Tutor for High-school students
- Hands on experience **developing on Linux platforms**

TECHNICAL SKILLS

Programming Languages: JAVA, Python, C, BASH, JavaScript, Ruby, Swift, SQL, Turing, Verilog

Test Tools: Jenkins, Selenium, Calabash, Appium, Charles Proxy

IDEs: Eclipse, Pycharm, Android Studio, XCode, PostgreSQL, Quartus

Version Control & Project Management Tools: GIT, SVN, JIRA, Pivotal Tracker, Gerrit

Other: XQuery, XPath, JSON, Putty, Virtual Box, Cygwin, ModelSim, Web Tools (MongoDB, Express JS, Node JS, XML, JSON), Basic Cryptography

PROFESSIONAL EXPERIENCE

CONNECTED LAB – (Toronto ON, May 2017 – Present)
QA Automation Developer
- **Lead Test Engineer** for a 5-star shopping app, speaker interface controller, company website, and internal company projects.
- Automated **Web** Browser Testing using Selenium Web Driver**,** Automated **IOS** Testing using Calabash, and Automated **Android** Testing using Appium
  - Created a UI Automation Script to automate an Android App simultaneously on three non-rooted Android devices, each on different firmware versions.
- Set up Continuous Integration for projects using Jenkins
- Identified bugs during Exploratory testing and aided developers in reproducing the problem.

GEMALTO – (Ottawa ON, May 2016 – August 2016)
Software Test Engineer
- Developed python scripts to automate a performance testing software tool
- Executed nightly performance tests with various configurations and analyzed the results for any discrepancies
- Produced well formatted excel reports based on test results for PLM analysis
- Setup development machines for engineers

EDUCATION

University of Toronto – St. George Campus – (September 2015 – Present)
- Third year Undergraduate Student
- Pursuing a specialist degree in Computer Science

Relevant Courses:
- o Mathematical Expression and Reasoning for Computer Science, Software Design, Software Tools and Systems Programming, and Intro to Theory of Computation
- o Introduction to Databases, Programming on the Web, Data Structures and Analysis.

PROJECTS (https://github.com/mathu97)

- o **Personal Website –** www.mathusan.me (Personal project - In Progress)
  - Used JavaScript, CSS, and HTML to develop a Web Portfolio from scratch
- o **Hackathon Finder IOS Application** (Personal project – In Progress)
  - IOS Application that finds Hackathons close to you and gives you information any selected Hackathon. The app is being developed using SWIFT 3, and the Hackalist API.
- o **Bourne-Again Shell (BASH) simulation** (School project)
  - Created a simulation of the BASH Shell, which was able manipulate a mock file system, using Object Oriented Design in JAVA
  - Development was done as a team, using the Scrum Agile Development process and SVN version control for project management.

HACKATHONS
- o **Hack The Valley - 2017 (Toronto, ON)**
  - Created a Model Android App called ParkTheValley, which is a model service application that allows users to rent their parking spaces. Used Google's Firebase, Maps, and Login APIs, to implement the basic features.

AWARDS AND ACCOMPLISHMENTS
- o Computer Science Award (Middlefield Collegiate Institute, May 2013)
- o Honour Roll (Middlefield Collegiate Institute, 2011 – 2015)
- o Ontario Scholar – 2015
- o President's Entrance Scholarship (University of Toronto, 2015)

REFERENCES
Available upon request.