

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 applications on Linux platform**

TECHNICAL SKILLS

- **Programming:** Turing, JAVA, Python, C, BASH Shell Scripting, CSS, HTML, Bootstrap (OOP in C, Python, and JAVA)
- **Software Tools:** SVN, GIT, Eclipse, Pycharm, Putty, Virtual Box, JIRA, Gerrit, Cygwin, Android Studio
- **Operating Systems:** Windows XP/7/8/10, Ubuntu, Fedora, CentOS 6/7, xUbuntu, Red Hat Linux
- **Basic Cryptography Knowledge**

PROFESSIONAL EXPERIENCE

GEMALTO – (May 2016 – August 2016)

Software Engineer in Test (Intern)

- 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
- Attended daily Scrum meetings
- Setting up development platforms for engineers

EDUCATION

University of Toronto – St. George Campus – (September 2015 – Present)

- Second year Undergraduate Student, **Current Year GPA: 3.35, Cumulative GPA: 3.09**
- Pursuing a specialist degree in Computer Science (Aiming to focus in Web and Internet Technologies)

Courses:

- Calculus, Linear Algebra, and Mathematical Expression and Reasoning for Computer Science
- Software Design, Software Tools and Systems Programming, and Introduction to the Theory of Computation
- (Current) Introduction to Databases, Programming on the Web, Data Structures and Analysis.

Middlefield Collegiate Institute – (September 2011 – June 2015)

- Founder/President of Programming and Robotics Club
 - Robots were built using the Arduino microcontroller and a Bluetooth module to control them wirelessly via PlayStation controllers. (Showcased at school's annual carnival)
 - Helped prepare students for programming competitions

PROJECTS

- **Project AKIKO** – Mobile Application (Personal project - In Progress)
 - A platform that allows users to upload personal receipts/bills to track their spending. Furthermore, the application will consist of well laid out statistics will increase user's awareness on their personal spendings, helping them analyze and set goals to save money.
 - Currently working on the Android version of this Application

- **Personal Website** – www.mathusan.me (Personal project - In Progress)
 - Started the project to practice HTML, CSS, and Bootstrap.
- **Bourne-Again Shell (BASH) simulation (School project):**
 - Created a simulation of the Bourne-Again Shell, which was able to manipulate a mock file system
 - Coded in JAVA with an Object Oriented Design
 - Development was done as a team, using the Scrum Agile Development process and SVN version control for project management.
- **Modern version of the famous “Brick Breaker” Game** (Personal project):
 - Recreated the classic “Brick Breaker” with a modern twist
 - Used JAVA to code the game from scratch with an Object Oriented Design

HACKATHONS

- **Hack The Valley - 2017 (Toronto, Ontario)**
 - Created a Demo Android App called ParkTheValley (In given 24 hours), which is a peer-to-peer online marketplace and parking network enabling people to list or rent out parking spaces for a specific amount of time.

AWARDS AND ACCOMPLISHMENTS

- Honour Roll (Middlefield Collegiate Institute, 2011 – 2014)
- Computer Science Award (Middlefield Collegiate Institute, May 2013)
- Honor Roll – Recognized for average over 90% (Middlefield Collegiate Institute, 2015)
- Ontario Scholar – 2015
- President’s Entrance Scholarship (University of Toronto, 2015)

REFERENCES

Available upon request.