William Mak

Personal Data

Address:	Omitted from this posting.
Phone:	Omitted from this posting.
email:	Omitted from this posting.
GitHub:	wmak

Technical Skills

Languages:	Python , Java, Go, C, Shell, PHP, Pascal, SQL, JavaScript, CSS, Markdown, LaTeX
Software:	Git, vi, Jenkins, Sublime, svn, TextMate, Eclipse, Komodo IDE, Aptana, WinSCP, Putty
Operating Systems:	Ubuntu, Linux Mint, **arch**_linux_, openSUSE, Fedora, Mac OS X, Windows
Frameworks:	Django, Selenium

Work Experience

Sept 2012 - Dec 2013

QA Automation Engineer at Kobo, Toronto
- Engineered tests using Selenium Webdriver library based on the Page Object pattern.
- Experienced with utilizing the Saunter framework.
- Performed Exploratory Testing to identify and communicate defects to developers.
- Investigated failures with the system to diagnose the root cause of the issue and created defects reports on my findings.
- Configured and maintained the continuous integration of the test suite using Jenkins.
- Participated in the Agile Scrum process.
- Critiqued and reviewed UX designs.

Sept 2011 - Dec 2012

Self employed Mathematics Tutor
- Taught Calculus and Vectors at a University level
- Enforced strong communication skills through the teaching and reviewing of topics covered in class
- Developed specific solutions by analyzing the problems faced by the student

Relevant Projects

- Participating in an open source project Hermes, a distributed unlimited redundant backup solution.
- built a CMS system to organize classrooms and tutorials using Django and SQLlite, Lethargic-Development
- Programmed an AI that would have a spacecraft safely land on the surface of Venus in C++
- Created a program in Python that would display a directory as a treemap using Pygame
- Designed a Java tutorial program with a GUI to help new users learn the language

Education

Sept 2011 - present	Honours Bachelors of Science, **University of Toronto** Major: Computer Science Specialist, 3rd year Relevant Courses: Software Engineering, Embedded Systems, Software Tools and System programming

Interpersonal Skills

- Communication skills from explaining the cause of defects to developers as a Test automation engineer
- Innovative perspective towards solving problems, from seven years in the Gifted Program which encouraged creativity
- Accustomed to public speaking from demonstrating work accomplished over a sprint to customers and stakeholders
- Exceptional time management skills organizing weekly events for a church youth group
- Excellent writing skills from creating reports for school projects and fluent in spoken and written English

Volunteer Experience

Jan 2008 - Jan 2012	Group Committee Leader at *Markham Christian Community Church* Coordinated and planned weekly events for a group of teenagers ages 13 to 18 to develop their public speaking skills Prepared and organized events for the teenagers that tailored to their interests Enriched presentation skills from teaching classes that kept the group interested while still being educational

Interests and Activities

Technology, Open-Source Projects, Programming
Juggling, Piano, Guitar, Travelling