William Mak

Personal Data

Address:	Omitted from this posting
Phone:	Omitted from this posting
email:	William.Mak@mail.utoronto.ca
GitHub:	wmak

Technical Skills

Languages:	Python , Go, C, Shell, Markdown, LaTeX, JavaScript
Software:	Git, vim, Jenkins, Sublime, svn, TextMate
Operating Systems:	Ubuntu, Linux Mint, **arch**_linux_, 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.

Projects

- Participating in an open source project Hermes, a distributed unlimited redundant backup solution.

- Created a web automation framework around selenium selenate, with over 1000 downloads in the first 3 days of release.

- Built a CMS to organize classrooms and tutorials using Django and SQLlite, Lethargic-Development

- Programmed an AI that would have a spacecraft safely land on the virtual surface of Venus in C++

- Created an image analysis porgram iris that could locate the relative positions of the caputiring devices from one another using OpenCV and python.

- Developing a Go implementation of RaptorQ; "The world's most advanced forward error correction (FEC) code for data networks" go-raptor

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