

William MAK

PERSONAL DATA

ADDRESS: Omitted from this posting
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TECHNICAL SKILLS

Languages: Python , Go, C, Shell, Markdown, ~~TEX~~ LaTeX, JavaScript
Software: Git, vim, Jenkins, Sublime, svn, TextMate
Operating Systems: Ubuntu, Linux Mint, [archlinux](#), Fedora, Mac OS X, Windows
Frameworks: Django, Selenium

WORK EXPERIENCE

SEPT 2012 - DEC 2013	QA Automation Engineer at Kobo, Toronto <ul style="list-style-type: none">- 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.
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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 SQLite, [Lethargic-Development](#)
- Programmed an AI that would have a spacecraft safely land on the virtual surface of Venus in C++
- Created an image analysis program [iris](#) that could locate the relative positions of the capturing 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, 3 rd year Relevant Courses: Software Engineering, Embedded Systems, Software Tools and System programming
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