

# William Mak

## Personal Data

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Address: Omitted from this posting  
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Email: [William.Mak@mail.utoronto.ca](mailto:William.Mak@mail.utoronto.ca)  
GitHub: [wmak](#)  
Education: Honours Bachelors of Science at the University of Toronto,  
Computer Science Specialist

## Technical Skills

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Languages: Python , Go, C, Shell, Markdown, ~~TeX~~TeX, JavaScript  
Software: Git, vim, Jenkins, Sublime, svn, TextMate  
Operating Systems: **arch**linux, Debian, Fedora, Mac OS X, Windows  
Frameworks: Django, Selenium, PhoneGap

## Work Experience

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June 2014	<b>Programmer at University of Toronto Scarborough</b>
Aug 2014	<ul style="list-style-type: none"><li>- Constructed a mobile application using HTML, CSS and JavaScript via PhoneGap.</li><li>- Met with users (Director of <a href="#">The Hub</a> and the President of the University of Toronto) to discuss and construct the user interface.</li><li>- Wrote a python script that used Twitter's API to create a blogpost for the Vice-Principal, Research, U of T Scarborough.</li></ul>
Sept 2012	<b>QA Automation Engineer at Kobo, Toronto</b>
Dec 2013	<ul style="list-style-type: none"><li>- Engineered tests using Selenium Webdriver library based on the Page Object pattern.</li><li>- Experienced with utilizing the <a href="#">Saunter framework</a>.</li><li>- Performed Exploratory Testing to identify and communicate defects to developers.</li><li>- Investigated failures with the system to diagnose the root cause of the issue and created defects reports on my findings.</li><li>- Configured and maintained the continuous integration of the test suite using Jenkins.</li><li>- Participated in the Agile Scrum process.</li><li>- Critiqued and reviewed UX designs.</li></ul>

## Projects

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- 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](#)
- 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 worlds most advanced forward error correction (FEC) code for data networks" [go-raptor](#)