

# Ryan Wilson-Perkin

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## About Me

I'm a school and self taught programmer with a strong interest in security, HCI, and open source. My latest project is helping to lead a group that teaches best practices to university students. When away from keyboard I'm longboarding, tinkering, and reading.

## Proficiency

- **Python** including *Django*
- **CSS & LESS**
- **JavaScript & CoffeeScript** including *Bootstrap*, *Mustache*, *Backbone* and *jQuery*
- **C** including *libxml2*, and *ncurses*
- **Java** including *Groovy*, *Slick2D*, and *Swing*
- **System Administration**

## Experience

### Software Engineer at *Google*

January 2014 - April 2014

### Teaching Assistant at *University of Guelph*

September 2013 - December 2013

- Instructed classes twice a week on Git, Raspbian, and C
- Provided extra-help sessions for students struggling with DVCS
- Monitor lectures and assist the professor in answering questions

### Frontend/Backend Developer at *Wave Accounting*

April 2013 - August 2013

- Created and demoed an open source API in Python for interacting with a SaaS targeted email provider
- Re-designed responsive views using Bootstrap and Backbone Forms
- Implemented event tracking via RESTful calls to multiple analytics providers

### Continuous Integration Engineer at *Research In Motion*

May 2012 - December 2012

- Developed a Perl library for real time build monitoring and logging
- Configured build machines and resource allocation pools
- Developed a metadata based build versioning system in Groovy

### **Teaching Assistant at *University of Guelph***

January 2012 - April 2012

- Wrote a new project plan for teaching HTML and CSS to non-technical students
- Held open office hours to counsel students having difficulties
- Led a class on the basics of web programming

### **Education and Awards**

- University of Guelph, B. Computer Science w/ Honours Coop [4th year]
- Top 25% Canada Computing Contest by University of Waterloo