

# Michael Thiessen

## Education

### University of Waterloo 2015 - Present

- Finishing degree at UWaterloo

### University of Manitoba 2011 - 2014

- Enrolled in 4<sup>th</sup> year B.Sc. Honours in the Computer Science program
- Honour List 2011 - Present
- GPA 3.90 / 4.5

## Non-Technical Skills and Achievements

### Entrepreneur

I have high levels of autonomy and initiative, and I am not afraid to take risks:

- Have been approached by two startups to join as technical co-founder, but declined in order to start my own company
- Lost \$1200 in one night, promoting a concert for a nationally aired rock band touring across Canada.
  - I knew the risk was large, but decided to go for it anyways. I do not regret my decision, as I learned a lot through the experience.
- Also knowledgeable about marketing, sales, and psychology

### UX Design

- Built UI for Hackathon project at D2L, winning an award for UX (competed against 34 teams, 120+ people)

### Other

Strong interpersonal skills, allowing me to work effectively on a team:

- Was in a rock band for 7 years with the same 3 guys, during junior high and high school. Teenage emotions and egos did not rip us apart, like so many other bands

## Technical Skills and Achievements

### D2L

- R&D on mutation testing, with minimal supervision. This involved significant research, further development of an open-source tool, as well as working with other developers and creating documentation in order to sell the process to others within the company
- Developed a report estimating the amount of time to complete writing regression tests on a large project. This report resulted in management deciding to pursue other goals instead
- Wrote many unit tests, helping to move the company towards continuous integration

### **Full Stack Web Development**

- Personal project experience with numerous areas of the web / mobile stack, including static web content, dynamic web applications, iOS, and Linux / web server installation
- Designed interfaces for web as well as mobile

### **Programming**

- Front end: HTML5, Javascript, CSS3, jQuery, AngularJS, Bootstrap
- Back end: Ruby, RSpec, Heroku, NodeJS, Git, Sinatra, Python, various APIs and frameworks

### **Software and Databases**

- Personal experience in PostgreSQL, MongoDB, Illustrator, Photoshop, Xcode

### **Operating Systems**

- Experienced in OS X and Linux
  - Installed first Linux server in grade 8, and have also shoehorned a flavor of Ubuntu onto an eMac (PowerPC architecture) for a youth drop-in centre

## **Work History**

**D2L**, software intern

**January 2014 - April 2014**

- Received a rating of *Excellent* from my manager

**Staples**, *Copy-centre*

**June 2013 - August 2013**

Responsibilities were divided between processing monetary transactions and taking and filling out print orders from customers:

- Balancing time between paying customers as well as completing orders on time
- Dealing with disgruntled customers in a friendly and polite manner

## **Volunteer Experience**

**Volunteered in Haiti**

**Summer 2012**

Went on a missions trip with my church to the poorest part of Haiti, through Northwest Haiti Christian Mission:

- Helped support some of the programs there, including the medical clinic, orphanage, home for the elderly, and feeding programs
- Went to several villages (including the infamous Tortuga) to minister to the local children through games and activities

**Sound Engineer, Mennonite Heritage Museum**

**Summer 2011**

Engineered the sound for Pioneer Days, a weekend-long festival at the Mennonite Heritage Museum:

- Setup and takedown, as well as sound checks for every act