# Tim Herd

| | | |
|---|---|---|
| **Contact Information** | Austin, TX | timherd@eqdw.net<br>github: eqdw<br>skype: rzeqdw |

**Technical Expertise**

**Programming**

| | |
|---|---|
| Languages | Ruby, Java/CoffeeScript, Clojure, Erlang/Elixir, Java, C, Go, Kotlin |
| Frameworks | Ruby on Rails, jQuery, Ember.js, Android |

**Tools**

| | |
|---|---|
| IDEs | Vim, Emacs, Eclipse, Android Studio |
| Web Servers | Nginx, Apache, Mongrel |
| Databases | Postgres, Mysql, SQLite |
| Messaging | RabbitMQ, Kafka |
| Source Control Systems | Git |

**Education**

**B.Sc. Computer Science**, University of Manitoba  **Oct 2010**

**Awards and Accomplishments**

- Dean's Honour List recipient, 2008, 2009
- Top 10%, IEEEXtreme 24-hour programming competition, 2009

**Service**

- TA, Clojurebridge San Francisco, 2014
- Organizer, Railsbridge San Francisco, 2013 - 2015
- Teacher, Railsbridge San Francisco, 2012 – 2015
- Member, Skullspace (Winnipeg Hackerspace), 2010 – 2012
- Treasurer, U of M Computer Science Students' Association, 2009 – 2010
- Member, U of M IEEE Student Branch & Computer Society, 2007 – 2011
- Charter Member, Winnipeg Ruby Users Group, 2010 – Present
- Member, U of M Unmanned Aerial Vehicle group, 2008 – 2009

**Work**

**Software Engineer**  **Mautinoa**
March 2017 – December 2017

Hired to build out a prototype, and later to automate testing of said prototype. Implemented a nearly full-featured Git API for use in Android. Helped to build accounting system that used Git as its storage back-end.

**Senior Software Engineer**  **Funding Circle**
September 2015 – March 2017

Full stack Ruby and Clojure engineer. Built and maintained cluster of micro-services written in Ruby and Clojure, relating to collecting credit and business data from inbound borrowers. Formally mentored junior engineers. Acted as liaison between software development and information security, and engaged in security outreach and education to the non-technical side of the office. Solo engineer on several small internal projects.

**Software Engineer**  **Blurb**
August 2013 – September 2015

Full stack Ruby on Rails developer. Worked on the web team maintaining existing legacy systems and building out new functionality around the e-commerce platform and related workflows. Maintained APIs and wrote front-end ember.js code for complex client-side behaviours

**Software Engineer**  **Coupa Software**
May 2012 – July 2013

Full stack Ruby on Rails developer. Worked with development and product design teams to fix bugs and implement customer-facing features.