

Tim Herd

CONTACT INFORMATION

Mountain View, CA

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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%, IEEEExtreme 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 - Present

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.