

# Cory Heslip

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## PROFILE

Experienced software engineer with a unique background in both computer and life sciences. A self-starter with a demonstrated ability to quickly learn, adapt and utilize a variety of languages and technologies to solve problems and create new user experiences.

## TECHNICAL SKILLS

*Languages:* Expert in Java and Python, proficient in JavaScript and Objective-C, and well versed C++ and PHP.

*Web Technologies:* JavaScript, HTML, CSS, LESS, jQuery, JSON, REST, AJAX

*Databases:* PostgreSQL, MySQL, SQLite

*Source Control:* Git, Perforce

*Software:* Eclipse, Netbeans, Xcode, PyCharm, Chrome

*Operating Systems:* Mac OS, Linux, Windows, iOS, Android

## PROJECTS

*Specimen Suitability App:* iOS and Android app that aids the organ and tissue donor community in determining the testing suitability of blood specimens. (Obj-C, Java).  
– Winner of American Association of Tissue Banks Communication, Advertising and Marketing Award.

*Specimen Archiver:* Web based application to simplify tracking and storing laboratory specimens (PHP, MySQL).

*Open Garage:* Website for a social networking startup that aims to connect people with others in order to learn a new hobby or skill (Python, Django framework).

*See more on GitHub:* <https://github.com/cheslip/>

## EXPERIENCE

*Software Engineer (mid-level)* August 2013 - present

**Time Warner Cable (contractor)**, Native Client Navigation, Broomfield, CO

- Made rich user experience possible on legacy set top boxes by improving efficiency of JPEG image loading.
- Implemented remote commands for digital video recorder functionality to support mobile initiative.
- Created a system profiling tool using Python and JavaScript (AngularJS) to discover problem areas in codebase.
- Increased performance of digital video recording for next generation navigation platform in multiple areas by using profiling tool.

*Software Engineering Intern*

June 2013 - August 2013

**Time Warner Cable**, Native Client Navigation, Broomfield, CO

- Designed and implemented in Java a replacement for a legacy configuration management system for set top boxes.
- Utilized JUnit to bring test code coverage of configuration management to 90%

*Laboratory Technologist / Mobile App Developer*

March 2011 - present

**VRL Laboratories**, Infectious Disease Department, Centennial, CO

- Created the VRL Specimen Suitability App for iOS and Android. This app assists clients in determining specimen suitability.
- Improved night shift logistics by creating a Microsoft Outlook script to track incoming specimen shipments.
- Perform ELISA and nucleic acid testing of 40 blood specimens per night on average.

*Web Application Developer / Co-Founder*

July 2012 - present

**Open Garage**, currently in development

- Utilized the Django framework and many different web technologies to build a unique new social network from the ground up.
- Created new features by using Python, JavaScript, JQuery and by customizing existing open source projects
- Designed a simple and pleasing user interface using CSS and JavaScript.
- Deployed the current state of the website to testers in order to gain feedback for improvements.

## EDUCATION

*Master of Science*, Computer Software Engineering

Colorado Technical University, Denver, CO, expected 2014

*Current GPA:* 3.6

*Bachelor of Arts*, Biology and Chemistry

University of Colorado at Colorado Springs, Colorado Springs, CO, May 2010

*Associations:* Beta Beta Beta Biological Honor Society