

Cory Heslip

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PROFILE

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

TECHNICAL SKILLS

Languages & Technologies: Python, Java, Objective-C, PHP, HTML, CSS, JavaScript, JQuery, JSON, XML, REST, AJAX, MySQL, PostgreSQL, SQLite, Git
Software: Eclipse, Netbeans, Xcode, PyCharm
Operating Systems: Unix (Mac OS), Windows, Linux, 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).

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).

EDUCATION

Master of Science, Computer Software Engineering
Colorado Technical University, Denver, CO, expected 2014
Current GPA: 3.3

Bachelor of Arts, Biology and Chemistry
University of Colorado at Colorado Springs, Colorado Springs, CO, May 2010
Associations: Beta Beta Beta Biological Honor Society

EXPERIENCE

Laboratory Technologist / Mobile App Developer March 2011 - present
VRL Laboratories, Infectious Disease Department, Centennial, CO

- Created the VRL Specimen Suitability App for iPhone (and currently developing for 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 on about 40 blood specimens per night.

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.