Katherine Leonard

360-450-9306 • keighty.leonard@gmail.com • katieleonard.ca

Objective

Short term: Use my skills in programming and project management to successfully transition my career from laboratory research into software development.
Long term: Contribute meaningfully to the development of software tools that end users love interacting with.

Work Experience

11/2007 - 05/2013 Biospective Inc., Montreal, Quebec Canada
Research Associate
As Research Associate and Study Director my accomplishments include:

- Management of laboratory equipment and resources
- Development and implementation of standard operating procedures and laboratory protocols
- Management of study related staff and activities resulting in early delivery of project data
- Experiment design and execution

As EDMS Administrator my accomplishments include:

- Development, implementation, and validation of project specific workflow processes to track clinical trial data in a CFR/Part 11 regulatory compliant manner
- Business analysis and requirements gathering for program management software solutions
- Database and reporting tool development
- On-going end user training and support

Education

2013 Portland Code School, Portland, OR
At Portland Code School I studied full-stack Ruby on Rails:

Web Skills

- CSS3/HTML5 elements, AJAX, Bootstrap, Grid layouts, Typography
- SQL, Databases
- Routing, Layout engines, Sinatra and Rails
- Deployment, AWS services, Asset compilation and compression
- Various gems and libraries

Programming Skills

- Ruby basics, data structures, rvm/rbenv, Git/Github
- Creating gems, classes and objects, meta-programming,

common ruby idioms, programming patterns
- Blocks/closures, queues, project estimation, regexes, OOP, Data modeling, refactoring
- Pull requests, agile methods

2009 - 2011 McGill University, Montreal, Quebec Canada
Certificate in Software Development GPA: Dean Honor List
Courses include Java Programming, Database Design and Administration, Operating Systems Administration, Data Structures and Algorithms, Web Development, Network Administration, Systems Analysis, System Implementation, and Project Management.

Skills

2 years experience with the following technologies:
- Java (J2EE and Android)
- scripting (perl/bash)
- SQL/databases (Oracle, sqlite)
- Ruby
- Python
- HTML
- UML

Creative, flexible, and resourceful in problem-solving
Focused, systematic approach to project and time management
Friendly, articulate, and energetic contributor
Reliable team member