

David Richards

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Computer Knowledge

Languages: Java, Ruby, Javascript, HTML, CSS, TCL, SQL, PL/SQL, Perl, PHP, C

Frameworks: Ruby on Rails, Backbone.js, jQuery, Jazz, ACS

Databases: Oracle, MySQL

SCMs: Git, Subversion, Rational Team Concert

Concepts: OOD, Agile (Scrum), BDD, i18n, queuing systems

Experience

Zipcar, Inc. Cambridge, MA

[Software Engineer: January, 2012 – Present]

- Designed & implemented a RESTful API for consumption by web & mobile apps.
- Essential team member in architecting of a service based back-end.
- Refactored authentication code for sharing across multiple technology stacks.
- Productized & internationalized Zipcar.com & related technology assets.
- Integrated & converted member data during 2 acquisitions of international companies.
- Management of co-op program including résumé screening, interviewing, and onboarding.

[Co-op: Jan. – Dec., 2009 & Jan. – Dec., 2011]

- Remediated issues found by third party security audit of Zipcar.com.
- Built & expanded upon existing content management system.
- Ported reservation Javascript into jQuery.
- Independently created web crawler to validate website content for ADA compliance.

IBM – RQM Littleton, MA.

[Co-op: January – December, 2010]

- Contributed to design & implementation of the major "copy" feature of RQM 2.0.1.
- Refactored migration code to better handle designating upgrade paths from older versions of RQM.
- Re-architected lab management code to more tightly couple lab instances with their configurations for easier editing & customization.
- Responsible for deploying production builds to public facing download site.

Northeastern University ResNet Boston, MA.

[July, 2007 – Dec., 2008; Sept. – Dec., 2009]

- Designed & coded web application for logging employees' hours & keeping track of inventory.
- Co-designed & wrote original version of student facing website.
- Designed & setup dedicated development environment.

Education

Northeastern University B.S. Computer Science

[Sept., 2007 – Jan., 2012] Summa Cum Laude

GPA 3.964 – Graduated 1st in class, College of Computer and Information Science.

Completed 3 full time "co-op" positions of 6-8 months each.