

Ryan D. Souza

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<https://github.com/scoz>

OBJECTIVE An interesting and challenging software engineering position in a smaller company or office setting. I am seeking a team with focus on software success and employee quality of life.

EDUCATION **Bachelor of Science, Computer Science** expected June 2012
Portland State University, Portland, OR
Minor: Mathematics
Current GPA Institution: 3.55 Major: 3.83

EXPERIENCE **Contractor** *Merb to Rails 3 Migration* Jan 2012 - Ongoing
Engine Yard, Portland, OR
Finished partial migration by removing shim layer in pieces

- Converted form, route, and other helpers to Rails' equivalents
- Identified errors caused by Rails' XSS protection

Developer *Distributed Digital Timestamp Service* Fall 2011 - Ongoing
Portland State University, Portland, OR
Research project Research project with Bart Massey, Ph.D

- Designing a digital timestamp service to verify digital engineering notebooks
- Building a git notarize tool for timestamping and proving ownership of commits

Project Lead *Software Engineering Senior Project* Fall 2011 - Winter 2012
Portland State University, Portland, OR
Web course assessment management
for PSU Civil & Environmental Engineering Dept.

- Lead a six-student development team with varying levels of web experience
- Built with Rails, Sass, jQuery, MiniTest, Twitter Bootstrap
- Released Open Source at <https://github.com/psu-capstone-alfa/alfa-cam>

Developer *rbenv-rehash RubyGem plugin*
Execute rbenv's rehash function after gem un/installation
<https://github.com/scoz/rbenv-rehash>

SKILLS

Languages: C/C++, Java, Ruby, SQL
Libraries: Rails, jQuery, Sass, Haml
Software: git, Mercurial, Apache, nginx, MySQL, PostgreSQL
Environments: OSX, Linux (Desktop and Server), AWS, Linode
Familiar With: PHP, CUDA/OpenCL, Haskell, svn, Windows