

Rob McGuire-Dale

Rob McGuire-Dale | rob.mcguire.dale@gmail.com | (541) 250-0762

Education

Oregon State University

B.S. in computer science, June 2011

Work experience

The Open Source Lab

Software developer, December 2008 – June 2011

- Key developer of Ganeti Web Manager, a web-based application for managing Google's Ganeti cluster virtual machines. (<https://code.osuosl.org/projects/ganeti-webmgr>)
- Key developer of Touchscreen, an interactive kiosk framework implemented with web technologies including Django, Python, jQuery, JavaScript, HTML, and CSS.
- Key collaborator on design, development, installation, and configuration of the following Drupal-based sites:
 - * OSU Open Source Lab (<http://osuosl.org/>)
 - * GOSCON, Gov. Open Source Convention (<http://goscon.org/>)
 - * Polk County, Oregon (<http://www.co.polk.or.us/>)

The Boeing Company

Software Engineering Intern, June 2010 - December 2010

- Designed and developed a multi-threaded Java application that interfaces two major manufacturing and production engineering applications.
- Designed and customized user interfaces for major manufacturing and production engineering applications.
- Was one of the few interns selected for the Information Systems Career Foundation Program due to recognition received for internship accomplishments.

Mt. Hood Community College, Department of Research and Planning

Information technologist, November 2007 - January 2009

- Implemented, administered, and provided technical support for ~250 users for a web-based, strategic planning and educational assessment application.

Portland Art Museum, NW Film Center

Assistant Instructor/Film Editor, July 2003 - July 2007

- Taught students how to animate, and edited digital film.

BMT Solutions

Internet Technician, May 2001 - April 2007

- Provided tech support to thousands of people with Internet and networking-related issues.

Skills summary

Technical skills:

- Comfortable in Linux and terminal environments.
- Working knowledge of OS X and Windows environments.
- Favorite languages: Python and JavaScript.
- Also familiar with these languages, tools, and technologies:
 - Web: jQuery, AJAX, HTML, CSS, Django, Drupal, PHP
 - General: C/C++, Java
 - Tools: Git, Subversion (SVN)

Community and interpersonal skills:

- Extensive technical support experience in-person, via email, and over the phone.
- Events coordinator for Oregon State's Linux User's Group.
- Lived and studied in San Miguel de Allende, Mexico through a study-abroad program.
- Relevant communication/social science courses:
 - Introduction to Usability Engineering
 - Social and Ethical Issues in Computer Science
 - Technical Writing
 - Introduction to Philosophy
 - Anthropological Language and Culture
 - Principles of Sociology
 - Films and Society

Interests

- Open source software and community development
- Web application design and development
- The Internet as a computing platform
- Human-computer interaction and end-user software engineering