Philip N. Hagelberg

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Work Experience

Lead Developer i5 Labs, San Fransisco, CA

- Build a social networking site in Rails with a small team.
- Used test-driven techniques to ensure stability and quality.

[December 2006 - present]

Lead Developer Ujive, Los Angeles, CA

- Refactored a beleaguered Rails concert search application by adding tests, reducing LOC count, and enforcing cleanliness in the code base.

[July 2006 - October 2006]

Lead Developer Paxtel, Yakima, WA

- Created a test-driven Rails web application to view diagnostics and map location of fleets of vehicles.
- Maintained a dedicated Debian GNU/Linux server.
- Connected the application to a nationwide RF network by handling a proprietary socket-level vehicle communications protocol.

[August 2005 - October 2006]

Skills

I have been programming computers since 1995.

Specifically:

Languages
    Proficient in (X)HTML, Ruby, Emacs LISP, ECMAScript (aka Livescript or Javascript), CSS, and SQL. Experience in Common LISP, PHP, XUL, Python, the Bourne Shell, and T$_E$X. Some C exposure.
Operating Systems
    Proficient with GNU/Linux, FreeBSD, and Mac OS X.
Programs
    Knowledgeable concerning Rails, GNU Emacs, Test::Unit, GNOME, Subversion, GIMP, extending Firefox, Lighttpd, Mongrel, Apache, Trac, PostgreSQL, SQLite, MySQL, and more.

Related Experience

- **Wrote and maintained Concourse**:
  Came up with and coded a web application for RailsDay '06 with a bit of help from two collaborators on another continent. Wrote a complete comprehensive test suite (test-to-code ratio greater than one) and continued development in a test-driven manner. Managed patches from various code contributors.

- **Initiated and contributed to several other Free Software projects**:
  RPlanet, Cartographer, and RAV are all projects which I've contributed major portions of code to. ElUnit, Rinari, Ebby, ExceptionIM, RuseMail, and Behave.el are all projects I started and currently maintain. For more details, see my Trac. I've also had a few minor patches accepted into Rails and Conkeror.

- **Systems Administrator of Biola University's Linux lab**:
  Responsible for the installation and maintenance of a set of GNU/Linux machines running Ubuntu. Upkept a server for students' web and database needs as well as a seperate server for network services such as NFS and NIS.
  [July 2004 - May 2005]

- **Basic hobbist-level Robotics**: building and programming a GNU/Linux-powered robot.

References and work samples available upon request.

Education

Biola University, La Mirada, CA (2001 - 2005)
Bachelor of Science degree in Computer Science
Graduate of the Torrey Honors Institute
Magna Cum Laude

Voraciously self-taught

Spoken Languages

- Native English speaker
- Understand Indonesian/Malaysian
- Studying basic Mandarin