Ian G. Young

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EDUCATION

Bachelor of Arts, Computer Science (with honors)
Grinnell College, Grinnell, IA
Cumulative GPA: 3.78

SKILLS

Languages: Ruby, PHP, Bourne Shell, Javascript, Java, C, Python, Scheme
Other: Rails, MySQL, Regular Expressions, HTML, CSS, LaTeX

WORK & PROJECTS

AMCO, San Diego, CA
Web Developer — Spring 2010 - Present
- Maintain legacy PHP codebase while upgrading piecemeal to Ruby on Rails.
- Develop internal tools to promote efficiency and consistency amongst all projects.
- Embrace iterative development and a love of testing.

FISDAP, St. Paul, MN
Web Developer — Spring 2008 - Spring 2010
- Helped define policy for best OO coding practices, plus greater focus on usability and maintainability.
- Researched PHP frameworks and spearheaded adoption of Zend Framework.
- Migrated office source code repository from CVS to SVN.
- Championed adoption of PHPUnit for unit testing and Selenium for automated browser testing.
- Took initiative to set up and customize PHP_CodeSniffer and CruiseControl to improve quality of committed code.

Scisr, http://youngian.github.com/Scisr/
Lead Developer — Winter 2009 - Present
- Built a PHP refactoring tool that attempts static code analysis, using PHP_CodeSniffer under the hood.
- Maintain a PHPUnit test suite that provides 97% code coverage.

GrinnellPlans, http://code.google.com/p/grinnellplans/
Lead Developer — Summer 2007 - Present
- Develop features and refactor old code for Grinnell College's homegrown online community using PHP and MySQL.
- Currently integrating Doctrine ORM into the project.

Vim text editor, Google Summer of Code
Student Developer — Summer 2007
- Implemented a regular expression matching engine in Vim, based on nondeterministic finite automata theory.

Technology Consultant Corps, ITS, Grinnell College, IA
Helpdesk Coordinator, Technology Consultant — Spring 2005 - Spring 2008
- Ran Grinnell's Helpdesk and performed administrative duties for the TC Corps.
- Created the TC Wiki to serve as a persistent knowledge base for both the TC Corps and all of campus.
- Conducted training sessions for new Technology Consultants.

SERVICE

- Contributed code and bug reports to a number of free software projects, including Gentoo Linux, ChromaHash, Sneetchalizer, PHPUnit, and Firefox.
- Member of the Grinnell CS Student Planning Committee, Fall 2006 - Spring 2008
- Member of the Grinnell Student Technology Committee, Fall 2007 - Spring 2008