[**Corey Watts**](http://corwatts.com/)

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## **Profile**

I am a software engineer from Orange County looking for a development position in Santa Barbara about which I can be passionate. I have some experience working as a Linux System Administrator, however, I prefer to build web applications using PHP MVC Frameworks, MySQL, and Javascript (including jQuery). I’m looking for a position which I will find challenging and rewarding, where I can grow and learn from other engineers. I enjoy working with others and thrive in a creative environment.

**WORK EXPERIENCE**

**Software Engineer, Landmark global – 2012 to 2013**

Was in charge of weekly billing and invoicing for over 100 clients. Competely rearchitected a custom EDI billing system using common design patterns to accept a wide range of EDI bills from vendors. Worked closely with the accounting team to resolve issues with billing and payments. Developed a number of new features for a very large PHP web app (the app had over 500,000 lines of code) involving Javascript and MySQL.

**WEB ARCHITECT, NATIONAL DISCOUNT MERCHANT SERVICES -- 2011 to 2012**

Developed efficient and secure PHP/MySQL MVC web applications using frameworks like Codeigniter and Yii. Maintained several critical LAMP servers, did several integration API programming tasks, and customized Wordpress and Joomla CMS systems. Developed an automated billing application to provide an easy way to manage and configure merchant billing using open-source technologies like Codeigniter and jqGrid. Also developed PaidYet, an e-commerce web application to provide merchants with an easy way to accept credit cards. I custom wrote several components of PaidYet including the transaction reporting functionality as well as the One Click Payment functionality using Facebook integration. My name is on a pending patent for our unique One Click Payment process.

**Linux Systems administrator, westmont college -- 2010 to 2011**

Installed, maintained, and updated over 40 different Linux and Unix servers. Encountered and solved a wide range of problems by using tools like nmap, vim, grep, and awk. Worked on network optimization and worked with technologies such as Zabbix, Puppet, and Moodle. Maintained and improved the payroll web application.

## **manager, magic galore & more -- 2005-2009**

Opened and closed the magic shop, acted as salesperson, cashier, and answered telephone. Assisted in the resolution of customer complaints. Taught inexperienced magicians new skills and sleights and encouraged young children to pursue the art of magic.

## **Education**

Bachelor of Science in Computer Science

Westmont College, Santa Barbara, California (May 2011)

## **Skills**

* Object-oriented program design / 5 years
* cross-browser compatability / 5 years
* HTML and CSS (including HTML5 and CSS3) / 5 years
* PHP5 / 4 years
* MVC Architecture / 4 years
* Codeigniter / 2 years
* Yii / 2 years
* Zend / 1 year
* MySQL and PostgreSQL / 3 years
* Javascript (including jQuery) / 3 years
* AJAX / 3 years
* Memcached / 1 year
* Membase/Couchbase / 1 year
* Linux server configuration and administration / 4 years
* Bash / 4 years
* Vim / 4 years
* Apache / 3 years
* security and encryption / 4 years
* project management / 3 years
* XML / 3 years
* C++ / 2 years
* Ruby / 2 years
* Scheme (a dialect of Lisp) / 1 year
* AIX (Unix) / 1 year
* Excellent verbal and written skills

**Project highlights**

**paidyet ecommerce web application**

Paidyet was a large web application that I helped to develop. It gave individual merchants an easy and simple way to accept credit card payments by giving each merchant a unique url with a personal payment page where customers could input credit card details. It was a PHP/MySQL application originally in the Wordpress CMS Framework that we later ported to a true PHP MVC framework. It made heavy use of AJAX calls that I coded using jQuery, as well as caching mechanisms like eAccelerator and Memcached. I wrote the reporting functionality which gave each merchant a flexible view of their entire payment history, the credit card processing code which handled all the payment processing, as well as the one click payment functionality which gave customers a true one click experience by integration with social media. The company quickly got a patent on our unique one click payment method, on which my name appears.

**Net responsibility open source project**

I joined the Net Responsibility open source project after graduation. I love the open source community and saw this as a way to give back to the community that had given so much to me. Net Responsibility is an internet accountability program that currently runs on Linux and OS X, with plans to include Windows in the near future. We recently rewrote the entire application in C++ (it used to be in Ruby) for speed, compatibility, and flexibility reasons. I was involved in coding much of the Javascript functionality in the email reports as well as working on compatibility, packaging, and automatic startup with OS X(until my mac died).

**Volunteer Program at Santa Barbara High**

During my final two years at Westmont, I participated and led (my senior year) a volunteer program at the local high school. Dubbed “Project Connect,” Westmont students would travel there weekly to teach the high school’s Computer Science Club how to program. The first year we taught Scheme, the second year we taught the students Ruby. It was very rewarding watching the high school students learn and grow, and I learned the material better because I was forced to explain it in an intelligible and clear way.

## **Referrals**

If you would like a list of my referrals, please contact me through email.