

Summary

Software engineer with emphasis on web and desktop applications development. Projects range from web spidering, data mining, machine learning, and data classification technologies to domain specific languages and full desktop applications.

I enjoy working with new technologies and improving existing methods and ideas.

Work Experience

Policy Software Engineer, Policy and Reports Team Raytheon Oakley Networks
April 2007 – Present

I am the lead developer for policies that are used in the Raytheon Oakley Networks product. Tasks include creating and maintaining tools that are used to create, test, and release policies as well as researching new subjects for policies such as HIPAA and SOX compliance along with customer data detection and employee productivity. During the policy development process I interact hand in hand with the sales team, other internal developers, and provide support directly to customers via phone or on site visits.

Major Accomplishments:

- Developed a web portal that utilizes PHP and MySQL to interface with our internal policy development language and continuous build system to allow users to access our policy repository and build complex policies that can then be used by the Raytheon Oakley Networks application.
- Created and maintained a repository of over 500 policies.

Internet Researcher, Analytics Team
July 2006 – April 2007

Oakley Networks

Gathered detailed information on many different research topics that were then used to build keyword lists, regular expressions, and training sets for different portions of our product. While in this position I developed different tools to improve my speed and accuracy of collecting different data from the internet, some of these tools included web spiders, scrapers, and data pruning tools.

Relevant Experience

My father is a senior systems administrator, because of this my interactions with technology started at a very young age. At the age of 15 I purchased my first domain name and I've been using it as my sandbox for learning new technologies; at 16 I harnessed PHP and MySQL to create my own CMS complete with a message board for a group of friends at my local high school. I've also worked on my own blogging and mp3 listening habits publication applications. I am an avid user of web 2.0

Kerry Peterson

Software Engineer

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technologies such as social networking and because of this I have a helpful insight to user behavior on the web and I'm able to keep in touch with the tech community to gather new ideas. I have experience with an array of technologies such as Java, Ruby, C#, PHP, MySQL, PostgreSQL, SVN, Linux (shell scripting, log file analysis, and package management), continuous build systems, and domain specific languages.

Education

ITT Technical Institute
2005 – 2007

Coursework in Application Programming