

Roderick F. Simpson

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An accomplished, senior developer and Team Lead with a Masters Degree in Computer Science, 10 years developing Web-applications, and 5 years experience supporting production applications in an enterprise environment.

Summary of Qualifications

- Strong Team Lead comfortable leading as well as collaborating with others.
 - Experienced PHP developer, with a solid understanding of object oriented design principles.
 - Extensive use of MySQL and DB2.
 - Experience supporting and extending open source CMS such as Magento, Drupal and Joomla.
 - Graduate of the University of Florida's College of Engineering with a Masters Degree in Computer Science.
 - Strong Computer Science fundamentals with experience in many languages including Java, C, C++, C#, PHP, ASP.NET, and Visual Basic.
 - An Inspired developer with a Bachelor's Degree in Fine Arts who often develops creative solutions to difficult problems.
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Experience

HealthPlan Services – Tampa, Florida (March 2006 – Present)

Team Lead and Senior Web Applications Developer

- Team Lead in charge of analyzing and solving problems across the company's most critical, customer-facing codebase and infrastructure. This includes over 30 production websites and Web applications for companies such as AIG, Humana, Nationwide, Met Life and Cigna.
- As Team Lead, response and solution times were reduced by 65%, while quality, as measured by code rollbacks and new bugs, was reduced from 26% to just 2%.
- Optimized and improved the performance of an intricate Web-based shared cash aggregation module by more than 70%, creating new business opportunities for large case implementation. The resulting performance increase allowed carriers to issue policies with thousands of members instead of just hundreds.
- Developed and maintained enterprise level web applications that interfaced with a COBOL mainframe using PHP, XML, AJAX, DB2, and MySQL.
- Earned a company recognition award and bonus for a identifying and implementing a system to save the company over \$20,000 per year in operating costs.

Bark Multimedia (April 2002 – March 2006)

Web Application Developer

- Developed and maintained PHP and ASP.Net web applications using MySQL and MSSQL Databases.
- Worked directly with customers to determine project requirements and create high-level design documents.

- Senior developer for 3 enterprise database-driven web applications, including a member management and billing system for the Longmont Area Chamber of Commerce, and a complete business management system for One World Translation, the 4th largest translation service in the Western United States.
- Created a robust web-based content management system for bank marketing, which was used by Alarion Bank and Ocala National Bank (both with offices across North Florida).
- Developed a reusable multi-tier framework which implemented database abstraction, error logging and notification, statistics gathering, and controlled user access.
- Developed 40+ individual client websites using PHP and MySQL.

Intel Corporation - Hillsboro, Oregon – Jones Farm Campus (January 2000 – September 2000)

Software Engineer

- Created applications using Visual Studio and C/C++ for the *Video as Input Applications* team, which worked with video processing and computer vision technologies.
- Projects included Web-deployable active-X controls for use in Flash, Shockwave, or Director, as well as standard MFC applications using DirectX (Direct Show, Direct Draw), OpenGL and COM.
- Developed a visually activated bubble popping game to showcase the functionality of the Intel Toy lab's me2cam, a camera-driven gaming interface. The game was distributed over the Web as a value-add for owners of the system.
- Received highest ranking from team leader during concluding evaluation.

University of Florida- Gainesville, Florida (1999, 2001)

Teaching Assistant - Object Oriented Programming:

- For 4 semesters, worked as the sole teaching assistant for a class of 50, covering Object Oriented design principles using Java and UML. Developed a Web-based project submission system.

Education

Master of Computer Science

Graduated with honors, December 2001

University of Florida (*Gainesville, Florida*)

Areas of study: artificial intelligence, computer architecture, games, and operating systems.

Bachelor of Fine Arts

Graduated with honors, June 1997

University of Florida (*Gainesville, Florida*)

Areas of study: computer aided graphic design and painting.

Additional

Skills / Languages

C#, PHP, AJAX, C, C++, Java, ASP.NET, Photoshop, Illustrator, Visual Studio, Spanish.

Activities / Hobbies

I am an avid photographer (www.rodsimpson.com). I also enjoy playing music, mountain biking, playing golf, running, writing, learning new things, and spending time with my wonderful wife and dogs.