

Jonathan Church

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Overview

My objective is to obtain a position that will allow me to administer my full range of skills while experiencing personal and professional growth. I have both formal education and on the job training in the areas of software design and development. I approach software projects with efficiency, security, and correctness as top priorities.

Education

Binghamton University Computer Science 2006 - 2008	Courses taken in Java, .NET, C#, C++, algorithms, network programming, operating systems, data structures, microcontrollers and robotics, and assembly language on the x86 and MIPS platforms.
SUNY Orange Computer/Math Science 2003 - 2005	Computer and math sciences as well as honors coursework. Relevant courses taken in C, C++, data structures, x86 assembly, and digital circuits.
Monroe-Woodbury High Regents Studies 1995 - 1999	Completed Regents studies with classes taken in computer programming, computer animation, and college level French.
Independent Studies 1998 - Present	Independent study of PHP, SQL, JavaScript, CSS, XHTML, Java, C, C++, C#, .NET, Haskell, Prolog, and network protocols using instructional books and the internet. I am interested in new technologies and stay informed of advances in CS.

Honors Programs and Club Involvement

Phi Theta Kappa – The International Honor Society May 2004-Present	As chapter vice president I helped organize the regional honors convention, led fundraisers for charities, held meetings and presentations, and managed the chapter's day-to-day functions.
SUNY Honors Program 2004-2005	I completed coursework in honors psychology and history classes.

Work Experience

HP Web Solutions Owner/Web Development December 2006 - Present	Using PHP, MySQL, CSS, JavaScript, and XHTML, I produce dynamic website content on the LAMP stack. I write code for the osCommerce and CreLoaded shopping carts, the WordPress blogging platform, MODx CMS, form processing, security and authentication, and many other purposes. I also manage projects from requirements gathering to testing and roll-out, interview and hire sub-contractors, develop new products, devise and implement online and offline marketing strategies, and provide customer support.
Silicon Solar Software Development April 2008 – February 2009	I wrote PHP, SQL, Smarty, javascript/AJAX, XHTML, and CSS code for both the X-Cart and internally developed shopping cart systems, which included designing new features in the areas of sales reporting, payment processing, CRM, UPS shipping API integration, and templating. This involved the implementation of object-oriented design, SQL optimization, LAMP administration, and application security analysis and improvement. User support for company employees, converting websites to standards compliant XHTML, turning PSDs into functional websites, search engine optimization and internet marketing, interfacing with foreign employees, and training new employees were additional tasks of mine.
Groos Shoes Technology Manager March 2002 - September 2006	I was responsible for technology administration, which involved customization of the osCommerce shopping cart using PHP, MySQL, HTML, and CSS, computer repairs and upgrades, networking, training, eBay sales, and photo manipulation. I became proficient in the administration of inventory control and POS software and use of the Microsoft Office software suite. Furthermore, I performed many miscellaneous tasks such as receiving, inventory management, filing, creating reports, and answering phones.