

John Abassian

johnabassian.net

Contact information redacted
from public resume

Skills

Programming

C#, ASP.NET 2.0-4.0, Telerik RadControls, Silverlight, Java, PHP, C, HTML, CSS/CSS based style sheets, XML, XSLT, JavaScript, AJAX, HTML DOM, jQuery framework, Flash

Databases

Microsoft SQL Server, MySQL. Views, Stored Procedures. LINQ to SQL, ADO.NET Entity Framework

Operating Systems

Windows (9X, NT, Server) and GNU/Linux installation and administration, trouble shooting, account management, and Software/Hardware installation. PowerShell/PowerShell scripting, and Bash/Bash scripting.
MacOS, FreeBSD, Solaris, and other Unix type Operating Systems.

Environments

Microsoft Visual Studio, Microsoft SQL Server Management Studio, Eclipse IDE, Netbeans, K-Develop, Code::Blocks.
Internet Information Services (6, 7, 7.5), Apache.

Experience - Corporate

Spectrum Bridge, (Co-Op/part time Software Engineer) 2010 - Present

Worked on multiple projects as part of a team of six. Developed ASP.NET User Controls and web applications (in C#, LINQ to SQL/ Entity Framework), to implement tools to interact with the proprietary white space allocation database. Used the ASP.NET AJAX Control Toolkit, Telerik RadControls, and jQuery as well as CSS and CSS stylesheets to create beautiful, dynamic and asynchronous web pages. Some light experience using MapDotNet and Silverlight to implement and deploy interactive maps. Projects include: Show My White Space which helps industry professionals view available TV White-space channel frequencies for use in a specific location. SpecEx, the first and only online Spectrum exchange market. Uaccess, a revolutionary Android intelligent WiFi manager and battery life saver.

Experience - Freelance/Volunteer

SuperChannel WACX-TV, 2011 (Freelance)

Rewrote the Super Channel in-house video streaming scripts and eliminated over 80% of code by implementing cmd.exe commands to replace repetitive use of deprecated COMMAND.COM commands, eliminating issues and using concurrency to eliminate unnecessary pauses, speeding up the startup process by over a minute. Fixed software and hardware problems on several mission critical media servers, as well as virus/malware removal.

Association for Computing Machinery, 2010 - 2011 (Freelance)

Developed and maintained the website for the UCF chapter of the Association of Computing Machinery. Developed a custom Joomla extension in PHP and MySQL to manage tutor schedules and automatically notify students when a tutor becomes available.

Little Creek Home Owners Association, 2009 - 2010 (Freelance)

Setup a Joomla website for the Little Creek HOA, with custom CSS template and graphics. Developed custom extension in JavaScript, PHP and MySQL to display a news feed on front page, and a custom extension in JavaScript to display a random image from a set uploaded by site administrators.

Every Nation Church Lake Mary, 2009 - 2011 (Volunteer)

Setup, configured, and was responsible for trouble shooting all computers and video projection systems. Setup a multi computer projection system using a cheap multi-input video switch, saving the organization thousands by eliminating the need for expensive broadcasting switchers. Designed and developed website with PHP, MySQL, XHTML, CSS, and JavaScript. Developed check-in system

Orlando Arabic Church, 2002 - 2010 (Volunteer)

Responsible for setting up and troubleshooting all computers, projectors, televisions, sound equipment, and all other technologies employed by the organization.

Designed and developed two websites for the organization, using XHTML, CSS, PHP, MySQL, and JavaScript.

Daniel's Gallery, 2008 (Freelance)

Developed a complete e-commerce website for a local jewelry store. Complete shopping cart with credit card handling and payment processing, coupon management and user accounts.

Projects

A list of programming projects I did for self satisfaction/education can be found on my personal website

JohnAbassian.net/projects.php

Education

University of Central Florida:

Bachelor of Science in Computer Science (Expected graduation date: May, 2012)

Focus on System Security, Cryptography, and Multi Threaded Stream Processing.

Other Skills

- Significant experience in setting up and deployment of wired and wireless networks, and computer systems; diagnosing and resolving software/hardware issues, virus/malware removal, and other technical support.
- Significant experience with Photoshop, GIMP, InkScape and other Raster/Vector image manipulation programs.
- Very experienced with Sony SoundForge, Audacity and other sound editing programs.
- Significant experience with FinalCut Pro, Cinelerra, Avidemux, PiTiVi and other non linear video editors.
- Experience writing scripts with FFmpeg, MEncoder, and ImageMagic libraries.

Language Skills

Fluent in English and Arabic

References

Available upon request