

An accomplished position as full time worker in the field of Computer Science requiring demonstrative success in the development and maintenance processes of applications, web-based technologies, and cloud computing requiring knowledge on the structural design of computer architecture.

Possession of Web Design and Development Skills:

- Fluency in HTML/XHTML, XML, CSS, JavaScript, and Adobe Flash.
- Experience with many server side web languages such as ASP .NET, JSP, and PHP complementary with Microsoft Access, MySQL, and MSSQL, and Oracle databases.
- Created an App maker for Windows Phone 7 using Silverlight (XAML), C# for the application and PHP and MySQL for the web portion.

Specific Application Knowledge:

- Programming using Eclipse, NetBeans, Microsoft Visual Studio, Rational Team Concert, and VIM with code managed through CVS, SVN, and GIT repositories.
- Experience with Adobe Photoshop, Adobe Flash (including ActionScript), Adobe Fireworks, and Adobe Dreamweaver.

Web Technologies and development:

- Administrator server maintenance and installation tasks for Java EE Servers, Tomcat Apache servers, and MySQL servers through XAMPP, and other utilities and clients on physical and virtualized Windows and Linux systems.
- Designed and developed custom CMS site for Durham Striders using PHP and MySQL and jQuery library.
- Developed custom WordPress templates for creating easily manageable web applications.

Embedded Systems development:

- Developed Silverlight and XNA Applications for Windows Phone 7 using C#, Java-based Android applications, and iPhone Cocoa-based Objective-C applications using MVC standards.
- Configured a line following car using an MCU with a TI processor, onboard A2D converter, etc; Infrared emitters and receivers; H-bridge control with motors; and coded it using C++.
- Using arduino, arm-based MCU, to read sensors such as ultra-sonic and gyro sensors, and accelerometers.

Work Experience:

- IT Engineer, Cisco Systems (Aug 2, 2010 – Present)
 - Developing mobile applications on iPhone and Android platforms by using REST and JSON services
 - Worked through waterfall PLC as a technical lead to create functional, architectural, and technical specifications for projects
- Web Developer Co-op, designSource Team at IBM (May 11, 2009 – Jan 7, 2010)
 - Developing Web 2.0 applications for internal IBM projects using PHP and MySQL.
 - Using jQuery API to make usability and AJAX widgets for data tracking.
 - Worked with MVC frameworks and XML parsers for PHP.
- Intern, Department of Computer Science, North Carolina State University (February 9, 2008 – May 9, 2008)
 - Developing Flash and AJAX widgets and for improved accessibility for the end-user.
 - Developed PHP portal for registration and information gathering for CSC alumni.
- Intern, Department of Configuration Management, Progress Energy (Summer 2007 and 2008)
 - Management of Assets and Change Tickets using Remedy
 - Made many ASP .NET based reporting tools which used the ReportViewer Control and dynamically building RDL files using XML objects.
 - AJAX Development for Service-now products to provide user interfaces for reporting capabilities.

Bachelors, Computer Science/Computer Engineering

NC State University, Raleigh, NC. (May 2010) GPA 3.584

- Member of the Eta Kappa Nu (HKN) Honor Society