

Ryan C. Fischer

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SUMMARY

I am a highly motivated professional committed to pursuing a career utilizing my creativity and software development experience. I offer strong analytical problem solving skills, attention to detail, high levels of computer proficiency, and the ability to follow projects through from inception to completion.

EDUCATION

University of North Carolina at Chapel Hill; Chapel Hill, NC **Graduation: August 2005**
BA in Communication Studies, Minor in Creative Writing / Dean's List

Olympic High School; Charlotte, NC **Graduation: June 1998**
Graduate with Honors, top 10% of class

North Carolina Governor's School West; Winston-Salem, NC **Graduation: Summer 1997**
Salem College, Mathematics

PROFESSIONAL EXPERIENCE

Web Developer, Governor's School Foundation **August 2017 – Present**

- Convert flat file text database to MySQL relational database.
- Facilitate synchronization between new database and Little Green Light service using webhooks.
- Incorporate database with Participant Database WordPress plugin.
- Modify Participant Database plugin to facilitate editing of user data.

Application Developer, Chase Paymentech, Tampa, FL **June 2016 – April 2017**

- Develop web applications using .NET, XML, TFS, Oracle, PL/SQL, & PTC Integrity/MKS client.
- Develop workload automation jobs using Control-M batch scheduling software.
- Convert old workload automation jobs using Perl, ksh, and Java wrappers to use Perl wrappers to call stored procedures and functions, in preparation for Exadata server migration.
- Participate in Agile methodology, including daily scrums and monthly software releases.
- Mentor teammates and workmates on newly adopted Control-M development processes.

Software Engineer III, Harris Corporation, Palm Bay, FL **April 2015 – January 2016**

- Develop web applications for internal use using HTML5, CSS3 (Bootstrap, Font Awesome), JavaScript (jQuery/Kendo), C#/.NET, MVC, Entity Framework, LINQ, MS SQL Server, & SVN.
- Rewrite Cold Fusion apps as C# MVC 4.5, using HTML5, CSS, JavaScript, and MS SQL Server.
- Convert websites from Cold Fusion to static HTML to migrate to .NET and MS SQL Server.
- Upgrade websites to HTML5 and CSS3, decrease load times and improve ease of maintenance.

Developer, Habilitation Software, Inc., Monroe, NC **October 2014 – January 2015**

- Develop crowdsourcing-congress.com using C#, SQL Server, HTML5, CSS3, and JavaScript.
- Features include: forums, positions survey, scoreboard of site usage data, registration, API queries, data aggregation, captchas, and log in functionality.

Freelance Web Programmer **December 1997 – Present**

- Complete projects using HTML5, JavaScript, CSS3, LAMP, C#, ASP.NET, SQL Server, and more.
- Research and generate content, adhere to search engine optimization, and other guidelines.
- Create educational web applications to educate children on math, science, and art history.
- Create discussion forums, file and website protection applications, and shopping carts.

Notable Business Associations, Clients, and Projects

Podcast Dynamite	https://www.podcastdynamite.com/	January 2017 – Present
<ul style="list-style-type: none">• Podcast database website catalogs various networks' podcasts.• Front end uses React.js, HTML5, CSS3 (Modulr.css); REST services built with Laravel PHP framework.• Auto-update scripts written in Perl use cron jobs to update MySQL database.• Deployed to Digital Ocean using the LAMP stack, installed from scratch (Linux, Apache, MySQL, PHP, SSL). Version control using gitlab.		
The Badqoph Directory	http://www.charlottescrabble.com/badqoph/people/	August 2007 – Present
<ul style="list-style-type: none">• Aggregate blog content from the competitive Scrabble community into searchable directory.• Cron jobs (Perl, MySQL, DBI, XML) check livejournal, blogspot, etc., and updates content regularly.• Maintain lists of active experts and International players on the Internet Scrabble Club.• Aggregate lists of links of resources pertinent to the Scrabble community.		
Scrabble Rotisserie	http://www.charlottescrabble.com/roto/	2010 – Present
<ul style="list-style-type: none">• Fantasy Scrabble game allows players to create teams, view stats, and follow along live with their teams' players' progress at the National Scrabble Championship and other events.• HTML5, CSS3 (Bulma), PHP, & JavaScript (jQuery, JSON, REST), MySQL.• Cron jobs run roster update scripts written in Perl. Team creation functions use PHP.		
Encore Consignment		November 2013 – October 2014
<ul style="list-style-type: none">• Consignment shop website employs HTML5, CSS3, PHP, and MySQL to show items for sale.		
GreyHawk Films		March 2014 – May 2014
<ul style="list-style-type: none">• Write white paper on need for businesses to have videos with Diversity & Inclusion initiatives.		
Boston Area Scrabble Tourney	http://sasj.com/bat2010/	February 2010 – April 2010
<ul style="list-style-type: none">• Website employs HTML5, CSS3, PHP, and JavaScript to promote event and streamline registration process for hundreds of users.		
The 23rd Frame	http://the23rdframe.onomatopoeia.biz/	2006 – 2007
<ul style="list-style-type: none">• Develop article creation, editing, and collaboration features for multiple users.		
Wrox Press – Technical Reviewer, “Beginning XHTML”		1999 – 2000
<ul style="list-style-type: none">• Ensure technical accuracy of book to be published.		
Gigaboard		1999 – 2002
<ul style="list-style-type: none">• Create message board system written in PHP and MySQL.		
myfriendpam.com		1999
<ul style="list-style-type: none">• Create matchmaking website in Perl and MySQL.		
Gigabee.com		1998 – 2002
<ul style="list-style-type: none">• Complete various freelance projects using HTML, CSS, JavaScript, Perl, PHP, and MySQL.		
Blue & White UNC Chapel Hill Political Magazine		1999
<ul style="list-style-type: none">• Create website for campus political magazine using HTML, CSS, and SSI.		
Eduweb		1997 – 1999
<ul style="list-style-type: none">• Create various children's educational games in JavaScript.		

TECHNICAL SKILLS

Development: HTML, XHTML, CSS, JavaScript (React.js, jQuery, Angular JS, Kendo, Knockout), JSON, Ajax. LAMP Stack: Apache, MySQL, Perl, PHP; ASP.NET Stack: C#, MVC, Entity Framework, LINQ, SQL Server, Azure, Team Foundation Server, Control-M, and PTC Integrity/MKS client; XML; Cold Fusion, Oracle; Jira/Crucible, Tortoise SVN, Agile; Cruise Control; JHipster Stack: Java, PostgreSQL, Git, Digital Ocean, Amazon Web Services. (<http://www.onomatopoeia.biz/portfolio.php>)

Software: Visual Studio (Ankh), IntelliJ IDEA; FTP, Dreamweaver, Toad, Tortoise SVN, Server Management Studio, pgAdmin3, Komodo, UltraEdit; Microsoft Office, including Word, Excel, PowerPoint, Access, & Outlook; Gimp, Photoshop, Fireworks, Pages, Final Draft.