

# Ronald M. Clifford

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<b>Résumé Objective</b>	Highly experienced developer with a passion for programming and web development, seeking a position in the San Francisco bay area.
<b>Summary</b>	<p>Total of 18 years of experience in team environments in a variety of different technology stacks. Successfully utilized various technologies in the areas of Application Design, Web Development, and Database Administration.</p> <ul style="list-style-type: none"><li>▪ Application Development - Fluent in developing both web applications and <b>WinForms</b> applications in <b>C#</b> and <b>VB.NET</b>, able to both create new applications and maintain existing systems utilizing <b>.NET</b>. Also minimally familiar with <b>Objective C</b>, with experience working in <b>XCode</b> for developing applications for the iPhone and iPad devices.</li><li>▪ Web Development - Fluent in <b>HTML</b>, <b>CSS</b>, <b>JavaScript</b>, and <b>jQuery</b>. Also have 2 years of experience with <b>PHP</b>, <b>Express</b>, and <b>Bootstrap</b>. Skilled in developing <b>ASP.NET</b> and <b>ASP.NET MVC</b> web applications, built on knowledge from eight years of working with <b>classic ASP</b>. Experience in developing <b>node.js</b> web solutions using <b>Express.js</b> and <b>Rendr</b>.</li><li>▪ Database Administration - Experienced in development with <b>Microsoft SQL Server</b>, using stored procedures, functions, triggers, and indexes. Also have experience writing queries and creating and managing <b>MySQL</b> databases.</li></ul>
<b>Work Experience</b>	<p><b>Sr. Programmer and Analyst</b> 3/2014 – Present <b>Tokio Marine/HCC (formerly HCC Insurance Holdings)</b> Houston, TX</p> <ul style="list-style-type: none"><li>▪ Part of a team of developers developing and maintaining Infinity, an application that allows the company to manage specialty insurance policies. The application has over 50 different .NET projects, is written in <b>VB.Net</b> and <b>C#</b>, utilizing <b>WinForms</b> for the front end and communicating with the back end via <b>WCF</b> web services.</li><li>▪ Developer of HCC's self-service portal, which allows policy holders to pay their premiums online. Written in <b>ASP.NET</b> using <b>C#</b>, and uses <b>Bootstrap</b> for the UI. Also communicates with a <b>WCF</b> web service to retrieve and store data in <b>Microsoft SQL Server</b> and other web services provided by other departments within IT.</li><li>▪ Lead developer of HCC's remedial action plan web application, which allows internal auditing to communicate deficiencies in applications and business processes to control owners, allowing them to address auditing issues easily. Written in <b>ASP.NET MVC</b> using <b>C#</b>, and uses <b>Bootstrap</b> for the UI, maintaining data in <b>Microsoft SQL Server</b>.</li></ul> <p><b>Founder/HTML5 Developer</b> 4/2012 – 2/2014 <b>Sift (Startup, No longer in business)</b> San Jose, CA</p> <ul style="list-style-type: none"><li>▪ Created and maintained the API interface for the iPhone and iPad application, Sift, using <b>PHP</b> and <b>Express</b> for <b>node.js</b> backed by data stored in <b>MySQL</b>. Also occasionally helped with maintaining the application itself, which is written in <b>Objective C</b>. Sift was a shopping application with tens of thousands of users that allowed you to shop for you and your loved ones from thousands of stores and millions of products in one convenient location.</li><li>▪ Part of a team of developers creating and maintaining the mobile-friendly website, the web interface for Sift. The initial version of the website was written using <b>PHP</b> and <b>Backbone.js</b>, while the final version was written using <b>Codemigniter</b> for <b>PHP</b> and <b>Bootstrap</b>. Utilized <b>jQuery</b> and <b>AJAX</b> to retrieve and display information using an interface focused on responsive design.</li><li>▪ Developed a backend process in <b>PHP</b> to run non-critical tasks, including sending email, push, and SMS notifications using <b>SendGrid</b>, <b>Urban Airship</b>, and <b>Twilio</b> respectively. Used <b>Resque</b> for queuing system, and <b>Smarty</b> for email templating.</li></ul> <p><b>Sr. Programmer/Analyst</b> 10/2010 – 4/2012 <b>Total Safety</b> Houston, TX</p> <ul style="list-style-type: none"><li>▪ Developed a dashboard and custom reporting system, two systems that reports on data from <b>IntelaTrac</b> for dozens of clients. The dashboard uses <b>ASP.NET</b>, <b>C#</b>, <b>jQuery</b>, and <b>AJAX</b> to display information about inspection discrepancies found via the <b>IntelaTrac</b> system. The reports display information on what specific pieces of equipment were inspected. Both of these are used in a large multi-site reporting portal for several clients to help track equipment safety inspections and compliance issues, backed by data stored in <b>Microsoft SQL Server</b>.</li><li>▪ Supported a number of in-house applications that use data stored in <b>DB2 for iSeries</b>, including a <b>C#</b> application to retrieve currency exchange data through Xignite.com, an <b>ASP.NET</b> web application to print summary bills for clients, an <b>ASP.NET</b> web application to retrieve rental equipment utilization from <b>RentalMan</b>, and an <b>ASP.NET</b> web application to create sales, rental, and labor quotes for clients.</li></ul> <p><b>Software Developer</b> 11/2006 – 9/2010 <b>US Interactive (Acquired by I Drive Safely)</b> Houston, TX</p> <ul style="list-style-type: none"><li>▪ Developed CCM, the company's customer service application, and DiscMan, a media management system. Both are <b>C# Windows Forms</b> applications that access <b>Microsoft SQL Server</b>.</li><li>▪ Part of a team of developers creating a large multi-site reporting portal for dozens of clients running on <b>ASP.NET</b> and utilizing <b>SQL Server Reporting Services</b>.</li><li>▪ Supported and developed many features in the company's e-learning Internet portals, utilizing <b>ASP.NET</b>, <b>C#</b>, and <b>jQuery</b> for development.</li></ul>

<b>Work Experience (Continued)</b>	<p><b>IT Developer</b> <span style="float: right;">8/2005 – 11/2006</span>  <b>Metro Networks, A Westwood One Company (Acquired by Cumulus Media, NASDAQ: CMLS)</b> <span style="float: right;">Houston, TX</span></p> <ul style="list-style-type: none"> <li>▪ Part of a team of developers creating and maintaining BMS, the company's main critical business web system, containing approximately 20 <b>COM+</b> objects, and over 50 pages, 100 reports, and 300 stored procedures. BMS was written in <b>classic ASP, ASP.NET, C#, and VB 6</b>, all accessing <b>Microsoft SQL Server</b>, running 24 hours a day. It is key to the company's commercial scheduling for over 2,000 radio affiliates.</li> <li>▪ Extensive use of <b>ActiveReports</b> for report generation for both internal and external clients, from invoices to complex monthly reports.</li> <li>▪ Light work in <b>C++</b> to maintain the BMS scheduler, and <b>Microsoft Access</b> to maintain Nuvar, the scheduling software for the television side of the business.</li> </ul>
	<p><b>Sole Proprietor</b> <span style="float: right;">9/2004 – 7/2005</span>  <b>roncli Productions</b> <span style="float: right;">Houston, TX</span></p> <ul style="list-style-type: none"> <li>▪ Creator of OSMusic.Net, a <b>classic ASP</b> website for amateur digital musicians, containing over 250 separate pages, including login, user interface, and administration functions.</li> <li>▪ Designed <b>Microsoft SQL Server</b> database from the ground up, including efficient indexes, backup plans, daily data maintenance, and over 500 stored procedures.</li> <li>▪ Developed a <b>VB.NET</b> program to update remote file servers using FTP for load balancing music downloads.</li> </ul>
	<p><b>Programmer/Analyst</b> <span style="float: right;">1/2001 – 8/2004</span>  <b>Money Management, Intl.</b> <span style="float: right;">Houston, TX</span></p> <ul style="list-style-type: none"> <li>▪ Part of a team of developers writing proprietary software in <b>VB 6</b>, MMS, in the credit counseling industry. MMS contained over 50 forms and was supported by over 300 stored procedures.</li> <li>▪ Extensive <b>T-SQL</b> development for use in importing and exporting files to and from third party vendors.</li> <li>▪ Moderate use of <b>Crystal Reports</b> for report generation, from simple letters to complex monthly reports.</li> </ul>
	<p><b>Founder/Sr. Programmer</b> <span style="float: right;">8/1998 – 12/2000</span>  <b>Digital Rhythms Inc. (Startup, No longer in business)</b> <span style="float: right;">Houston, TX</span></p> <ul style="list-style-type: none"> <li>▪ Part of a team of developers creating and maintaining several websites, the largest being Trax in Space, a music website written in <b>ASP</b> and supported by a custom <b>ActiveX</b> control written in <b>VB 6</b> for file uploading.</li> <li>▪ Created a large <b>VB 6</b> program for maintenance, including checking file integrity and database updates.</li> <li>▪ Participated in a full database conversion from <b>Microsoft Access</b> to <b>Microsoft SQL Server</b>.</li> </ul>
<b>Other Experience</b>	<p><b>roncli.com</b> <span style="float: right;"><a href="http://www.roncli.com">http://www.roncli.com</a></span></p> <p>I redesigned my homepage between 2014 and 2015 to highlight my hobbies, Music, Coding, Gaming, and Life. It is a dynamic website that calls a number of external APIs, including Blogger, YouTube, SoundCloud, GitHub, Battle.Net, Riot Games, DCL, and Steam. The site was written in <b>node.js</b> using the <b>Rendr</b> library which allows the entire site to be created using <b>JavaScript</b>, and lets the site be rendered at the server with future pages in the same session being rendered by the client. The site also provides RSS feeds for the blog, music, coding, and gaming sections. The site uses <b>Microsoft SQL Server</b> to store persistent data, and <b>Redis</b> for caching.</p> <p><b>Six Minutes To Release</b> <span style="float: right;"><a href="http://www.six-minutes.com">http://www.six-minutes.com</a></span></p> <p>This is a World of Warcraft guild website that I created from scratch, and maintained between 2008 and 2015. It includes pages for players to apply to the guild and allows current guild members to view a wide variety of data, including past raids, an officer-run Wiki, a complete forum solution, and a photo album to upload screenshots to. The site was written in <b>ASP.NET</b> and <b>Visual Basic.NET</b> and employs extensive use of <b>JavaScript</b> and <b>jQuery</b>, with a number of guild-related functions accessed using <b>AJAX</b>. The site also provides RSS feeds for applications, forums, and general site news. This also calls the Blizzard WoW API using the open source library I created, LibWowAPI.</p> <p><b>Open Source Projects</b> <span style="float: right;"><a href="https://github.com/roncli">https://github.com/roncli</a></span></p> <p>I extensively use GitHub to contribute to open source projects, and have a number of projects available as well. Projects I have created include roncli.com, SixBotGG, LibWowAPI, rendr-template, and jquery-defaultButton. Projects I have contributed to include rendr, rendr-handlebars, remapify, DXX-Retro, and more.</p>
<b>Technical Details</b>	<p><b>Advanced Proficiency</b>  Microsoft Stack: <b>Visual Studio, ASP.NET, Visual Basic.Net, C#, Microsoft SQL Server, IIS</b>  Web Stack: <b>HTML5, CSS3, JavaScript, AJAX, jQuery, jQuery UI, Bootstrap</b>  Node.js Stack: <b>node.js, Rendr, Express, Backbone.js</b></p> <p><b>Moderate Proficiency</b>  PHP Stack: <b>PHP, CodeIgniter, MySQL, Apache, nginx</b></p>