

# 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 24 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> and <b>.NET Core</b>. Experienced in connecting with a wide variety of third party systems to bring in data from multiple sources, including <b>REST APIs</b> and <b>XML Web Services</b>.</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>. Have developed <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 and optimizing queries, and creating and managing <b>MySQL</b> databases.</li> </ul>
<b>Technical Summary</b>	<p>Microsoft Stack: <b>Visual Studio</b>, <b>.NET Core</b>, <b>ASP.NET</b>, <b>C#</b>, <b>Visual Basic.Net</b>, <b>Microsoft SQL Server</b>, <b>IIS</b>  Microsoft Azure: <b>Application Insights</b>, <b>Functions</b>, <b>App Services</b>  Web Stack: <b>HTML5</b>, <b>CSS3</b>, <b>JavaScript</b>, <b>AJAX</b>, <b>jQuery</b>, <b>jQuery UI</b>, <b>Bootstrap</b>  Node.js Stack: <b>node.js</b>, <b>Rendr</b>, <b>Express</b>, <b>Backbone.js</b>  PHP Stack: <b>PHP</b>, <b>CodeIgniter</b>, <b>MySQL</b>, <b>Apache</b>, <b>nginx</b></p>
<b>Work Experience</b>	<p><b>Software Engineer III/Lead Claims Developer</b> 12/2016 – Present  <b>Berkshire Hathaway Homestate Companies</b> San Francisco, CA</p> <ul style="list-style-type: none"> <li>Lead developer for BHHC's claims data feeds, an app service that sends claim and address data to our 3<sup>rd</sup> party business partners every 30 minutes. Data was sent via <b>REST APIs</b> in a <b>C# .NET Core</b> application. The application was initially hosted in <b>IIS</b>, but was later moved to an <b>Azure App Service</b>. Logging and monitoring achieved through <b>Azure Application Insights</b>.</li> <li>Developed a number of services for Encore, which is the name for BHHC's microservice architecture. Microservices were developed in <b>C# .NET Core</b>, and the services developed include a service that adds incoming payments from 3<sup>rd</sup> party vendors, reads incoming data from flat text files, and an orchestrator to make several services work together.</li> <li>Lead back end developer for BHHC's first notice of loss application, which allows both internal and external customers to file claims on their policies. Written in <b>ASP.NET MVC</b> using <b>C#</b>. Data persisted to <b>Microsoft SQL Server</b> using internal 3<sup>rd</sup> party software package <b>ClaimsXPRESS</b>. Communication achieved to and from ClaimsXPRESS via an <b>XML Web Service</b> API. Recipient of BHHC's President's Award for work on this project.</li> </ul> <p><b>Sr. Programmer and Analyst</b> 3/2014 – 11/2016  <b>Tokio Marine/HCC (formerly HCC Insurance Holdings)</b> Houston, TX</p> <ul style="list-style-type: none"> <li>Lead developer of HCC's remedial action plan tracker 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>, using <b>Bootstrap</b> and <b>jQuery</b> on the front end, with data maintained in <b>Microsoft SQL Server</b>.</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> and <b>jQuery</b> on the front end. 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>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> </ul> <p><b>Lead Developer (HTML5)</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>CodeIgniter</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>

<b>Work Experience (Continued)</b>	<b>Sr. Programmer/Analyst</b> 10/2010 – 4/2012 <b>Total Safety</b> Houston, TX <ul style="list-style-type: none"> <li>Developed a dashboard and a 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 with specific equipment found via the <b>IntelaTrac</b> system. 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>
	<b>Software Developer</b> 11/2006 – 9/2010 <b>US Interactive (Acquired by I Drive Safely)</b> Houston, TX <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>IT Software Developer</b> 8/2005 – 11/2006 <b>Metro Networks, A Westwood One Company (Acquired by Cumulus Media, NASDAQ: CMLS)</b> Houston, TX <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</b>, <b>ASP.NET</b>, <b>C#</b>, and <b>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>
	<b>Lead Developer</b> 9/2004 – 7/2005 <b>roncli Productions (No longer in business)</b> Houston, TX <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>
	<b>Programmer/Analyst</b> 1/2001 – 8/2004 <b>Money Management, Intl.</b> Houston, TX <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>
	<b>Sr. Programmer</b> 8/1998 – 12/2000 <b>Digital Rhythms Inc. (Startup, No longer in business)</b> Houston, TX <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>

Other Experience	<p><b>Overload Teams League</b> <a href="https://otl.gg">https://otl.gg</a></p> <p>This is a league for players of the game Overload, which includes team-based play. The OTL allows teams to challenge each other over Discord, report results, and view player stats. The site was written in <b>Node.js</b> and <b>Express</b>, without a use of a front end framework. Includes a Discord bot that allows players to interact with the league by issuing commands. Also includes a subdomain, a game tracker, at <a href="https://tracker.otl.gg">https://tracker.otl.gg</a> that receives data from games in progress, displaying them live. Data received from games via <b>Web APIs</b>, and games are updated on the website using <b>WebSocket</b> communication. Data for both sites are stored in <b>Microsoft SQL Server</b>, with <b>Redis</b> used for caching.</p>
	<p><b>roncli.com</b> <a href="https://www.roncli.com">https://www.roncli.com</a></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>Open Source Projects</b> <a href="https://github.com/roncli">https://github.com/roncli</a></p> <p>I extensively use GitHub to contribute to open source projects, and have a number of projects available. Projects I have created include six.gg, LibWowAPI, and jquery-defaultButton.</p>