

ADRIANA GUERRA



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SKILLS

- .NET Core
- Blazor
- .NET Framework
- C#
- JavaScript
- TypeScript
- React.js
- Angular
- SQL
- Git
- Azure DevOps
- HTML
- CSS

EDUCATION

UC BERKELEY

BA in Cognitive
Science

SOFT SKILLS

- Leadership
- Teaching/Mentoring
- Troubleshooting
- Communication

LANGUAGES

- English: Native
- Spanish: Fluent
- French: Proficient

ADDITIONAL

US Citizen

EXPERIENCE

SOFTWARE ENGINEER • Thermon, Sep 2020 - Present

- Led front-end development of a distributed .Net Core application using Blazor and custom TypeScript libraries.
- Worked with a team to develop an innovative application to support a network of custom devices using .Net Core, Blazor, SQL and RabbitMQ.
- Developed build pipelines using Azure DevOps.
- Prototyped options to use Docker containers to assist in deployment of application prerequisites.
- Proposed and developed proof of concept to use SignalR to broadcast live updates to the front-end of a web application to provide real time updates, allowing decoupling of front-end and back-end.

SYSTEM ANALYST V • Texas Health and Human Services, Jan 2020 - Sep 2020

- Assessed vulnerabilities in a mission-critical application found to have serious security flaws and proposed best course of action to remedy security and privacy vulnerabilities.
- Formed an Agile team in a traditionally waterfall organization to develop an application in .Net Core, Angular, and SQL.
- Served as primary developer for the front-end application and trained other team members to assist in Angular development.
- Worked with accessibility and security teams to address accessibility and security concerns in application before deployment.
- Prepared deployment infrastructure and process for new application, including server set-up scripts and defining deployment packages for Dev, Staging, and Production servers.

PROGRAMMER III • Texas Health and Human Services, Jul 2019 - Jan 2020

- Worked with customers to redefine the scope and prioritize the functions of a .NET web application that had been on hold since 2018 and developed a file uploading and data processing web app using .NET Razor pages, C#, MSSQL, JavaScript, JQuery, and HTML to meet customer requirements.
- Used Razor Pages, C#, HTML, JavaScript, JQuery, and CSS to update a .NET website to meet specifications provided by a user experience designer.
- Advised customer on how to best get survey data into an existing application and developed a multi-step React.js web form application with a .Net Core API web service to meet user requirements.

SOFTWARE DEVELOPER • Bubble Manager & Bubble Cert, Aug 2017 - Present

- With a partner, developed customized SaaS business management software for SCUBA centers using MS Access and VBA that is currently used at 19 centers in 4 countries.
- Streamlined the customer registration process through a dynamic and responsive web-form using ASP.NET, C#, HTML, CSS, JavaScript, and JQuery.
- Simplified customer enrollment with international SCUBA agencies by posting customer data directly to dive agency web servers from the business management system using VBA and WinHTTP requests.
- Developed Batch and PowerShell scripts to automate the data management software installation and configuration.
- Built a web app for SCUBA instructors and SCUBA centers using ASP.NET, .NET Framework, VB.NET, SQL, HTML, CSS, JavaScript, JQuery, AJAX, and REST API to simplify the registration and certification of students with international SCUBA agencies.