ADRIANA GUERRA

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SKILLS

JavaScript · Angular · React · .NET Core · C# · .NET Framework · HTML · CSS · SQL · Git

EXPERIENCE

SYSTEM ANALYST V · Texas Health and Human Services, Jan 2020 - Present

- Assessed vulnerabilities in an application found to have a critical security flaw.
- Created an agile team in a traditionally waterfall organization.
- Worked in an agile team to rebuild an application with critical security flaw using .Net Core 3.1 and Angular 8.
- Lead front-end development in Angular 8 application.

PROGRAMMER II · 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 so that I could bring the application to life.
- Developed a file uploading and data processing web-app using .NET Razor pages, C#, MSSQL, JavaScript, JQuery, and HTML.
- Translated complex data processing logic into SQL stored procedures to update records.
- Developed SQL stored procedures to clean addresses and to match records by address (using Levenshtein Ratios).
- Used Razor Pages, C#, HTML, JavaScript, JQuery, and CSS to update a .NET website to meet specifications provided by a user experience designer.
- Developed a multi-step React.js web form application with a .Net Core API web service.

SOFTWARE DEVELOPER · Bubble Manager & Bubble Cert · Aug 2017 - Present

- With a partner, developed customized SaaS business management software for SCUBA diving centers using MS Access that is currently used at 19 dive 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 diving agencies by posting customer data directly to dive agency web-sites from our business management system using http requests in VBA.
- Developed Batch and PowerShell scripts to automate the installation and configuration of our data management software.
- Built a web application for SCUBA instructors 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 diving agencies.

PROGRAM COORDINATOR · Roctopus Pro Center · Koh Tao, Thailand · Jun 2018 - Sep 2018

- Reorganized and oversaw a SCUBA diving professional training program.
- Developed a training schedule to maximize opportunities for trainees while minimizing redundant work for the limited staff.
- Created Google Sheet and Google Script based program management tools to track student training progress easily.
- Updated design and content of the website using WordPress and Google Analytics.
- Developed email templates using HTML and CSS.
- Oversaw social media and responded to program inquiries.

SCUBA INSTRUCTOR · Sairee Cottage Diving · Koh Tao, Thailand · Nov 2013 - Jan 2018

- Worked as a head SCUBA instructor at a dive resort in one of the busiest diving destinations in the world.
- Taught students of all levels, from introductory experiences to courses for aspiring professionals.
- Received 5 student-elected PADI recognition awards for my teaching.

- Organized diving trips and mentored interns while teaching courses.

STAFF RESEARCH ASSOCIATE · Univeristy of California, San Diego · Sep 2010 - Aug 2012

- Worked with the Research on Aging and Development Lab and the Swartz Center for Computational Neuroscience.
- Collected neurobehavioral measures (i.e. electroencephalography, eye tracking, body-motion capture, and behavioral tests) from typical and clinical populations.
- Analyzed data using specialized software.
- Developed protocols and Python scripts to test the accuracy of datastream integration from data sources with varying sampling rates.

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY · *BA in Cognitive Science*

LANGUAGES

English: Native · Spanish: Fluent · French: Proficient

ADDITIONAL

US Citizen · *Additional experience available upon request.* · *References experience available upon request.*