Carlos Roberto Castillo

Software Developer

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Professional Portfolio: https://www.carloscastillo.us

Objective: Software Developer with a Bachelor of Science in Chemistry. My skills are in JavaScript and C# .Net Core for both front-end and back-end. Seeking to leverage my technical skills, professional experience, help build solutions, and continue to learn. I want to maximize success with a passion by working with software and people.

TECHNICAL SKILLS

Languages: C#, Razor Pages, SQL, LINQ, JavaScript, HTML5, CSS3.

Tools: Windows PowerShell, Mac Terminal, Kanban Boards (Azure DevOps & Trello), xUnit Testing, Azure Blob Storage, SendGrid, Auth0, SignalR, Node.js, EJS, VS Code, Visual Studio 2017 & 2019.

Framework & Platform: ASP.NET Core - MVC, React, Bootstrap, Azure, Heroku, GitHub.

Operating Systems: Windows 7 & 10, MacOS Catalina & Mojave, and LinuxOS.

PROJECTS

ReactMetronome: **https://react-metronome-carlos.herokuapp.com/**, **Source Code**
September 2019
- Webpage Metronome application that produces a distinct click every 4th click.
- JavaScript React, CSS.

InstaHub: Source Code
March 2019
- Chat messaging application using SignalR for group connections and Auth0 for Identity.
- C# Razor Views, Azure SQL, JavaScript, Semantic-UI CSS, using ASP.NET Core 2.2.

Color Cord, **https://schemecolor.azurewebsites.net/**, **Source Code**
February 2019
- Color matching coordination application using a newly created RESTful API.
- C#, Azure SQL, CSS, using ASP.NET Core 2.2.

Mag-Net, **https://hn-nj-cc-cc-mag.herokuapp.com/**, **Source Code**
November 2018
- Mobile-only interactive community refrigerator fun magnets that involve memes.
- C#, Azure SQL, CSS, using ASP.NET Core 2.2.

EXPERIENCE

IEH Laboratories & Consulting Group, Seattle WA - Chemist
September 2015 - September 2018
- Trace residue laboratory chemical analysis on foods with focus on heavy metals.
- Audit finished reports, instrument data, and sample data sets into database.

Scientific Design, Little Ferry NJ - Analytical Technician
July 2012 - July 2015
- Perform laboratory analysis on catalysts for research and development.
- Develop methods, reports, update standard-operating-procedures and interpret data.

Arlington Plating Company, Palatine IL - Plating Chemist
April 2011 - May 2012
- Perform ISO 9001 internal audits.
- Manage Nickel Recovery Unit, team members, and manufacturing staff.

EDUCATION

Code Fellows, Seattle, WA
September 2018 - March 2019
- Certificate - Advanced Software Development in ASP.NET Core

New Mexico Institute of Mining and Technology, Socorro, NM
September 2002 - May 2008
- Bachelor of Science in Chemistry
- Thesis: N-Aryl Arenecarboximides as Panchromatic Dyes for Dye-Sensitized Solar Cell Application.