Andrew Byerly

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Full-Stack Software Developer

TECHNICAL SKILLS

Programming Languages	*C#, JavaScript, HTML5, CSS3, SQL (T-SQL), PHP*
Web Technologies and Frameworks	*Entity Framework, ASP.Net MVC, ADO.Net, Angular JS, Bootstrap UI, Skeleton CSS*
Databases	*SQL Server 2014, MySQL*
Tools/Methodologies	*Visual Studio 2017, Microsoft SQL Server, Apache server, Microsoft Azure, XML, JSON, AJAX, API, Microsoft Office, GitHub, Software Development Life Cycle , Photoshop*

DEVELOPMENT EXPERIENCE

All Things Delivered: Remake
Technology: HTML, CSS, JavaScript, jQuery, Bootstrap, .Net MVC, C#, Braintree API, SendGrid API, FourSquare API
Remake of my business website using technology I learned at Coding Temple. Menu data is scraped from the FourSquare API is stored on a database. Customers can view local restaurants and place orders from the menus, or add custom items to their cart. Payment is taken using the FourSquare API

Space Time
Technology: HTML, CSS, JavaScript, jQuery
A 4th dimensional 2d platformer built entirely from scratch using JavaScript. The player controls a small blue alien as he travels through the multiverse in order to collect various objects.

What's in My Bar?
Technology: HTML, CSS, AngularJS, CocktailDB API
An angular app that asks the user to select from a list of ingredients that they have in their cupboard/liquor cabinet, and uses the CocktailDB API to calculate what mixed drinks they can make with the ingredients they have, and with ingredients they have all but one of.

Weatherly
Technology: HTML, CSS, JavaScript, jQuery, bootstrap, Yahoo weather API
A simple weather app that displays weather data for a given area. The background changes to match the weather condition of the area. Weather data is sources from the Yahoo weather API

Delivery Tip Tracker
Technology: HTML, CSS, PHP, MySQL
A database-driven website to track my tips while working as a pizza delivery driver. Features included a time clock to track estimated paychecks, a tip entry system that produces weekly reports of total tips, average tips per hour and other useful information.

Recipe optimization tool
Technology: HTML, PHP, MySQL
This was a personal project for a game I played. Each recipe in the game requires 4 specific ingredients, and there are 23 ingredients and 45 recipes. Players can enter how many ingredients they have, and it optimizes the combination of recipes that the player should make in order to optimize

their output. It uses a greedy algorithm to compare conflicting ingredients among recipes, and selects the recipe that would cause the fewest conflicts.

All Things Delivered – Owner/Software Developer   **2014-2017**

Started an on-demand delivery service in Wheaton, that offered same-day delivery of anything that can be purchased locally. Designed and developed a custom PHP/MySQL e-commerce application and a driver dispatch system from the ground up.

Coding Temple, – Chicago IL – Software Developer   *2017*

Skilled in building web applications written in C#, JavaScript, HTML, CSS, jQuery, AngularJS and bootstrap. Using the .NET MVC framework and Microsoft SQL Sever.

- Developed a full stack e-commerce application using HTML5, CSS3, Angular JS, C#, SQL, Bootstrap UI, ASP.NET 4.0 and MVC 5
- Designed the project wireframe and layout for all of the pages in the e-commerce application
- Involved in MS SQL development which includes designing a normalized relational database using SQL Server Express
- Created a Braintree API to allow payment structure
- Worked on ASP.NET controls
- Proficient in database design, visual basic and development

EDUCATION

College of Dupage
2009-2011
Bradley University, Mechanical Engineering
2012-2014