

Zach Carroll

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OBJECTIVE

To obtain a professional position utilizing my relevant experience and problem solving skills. I aim to find a position where I can become an impact on the team and a position that will push me to grow as a developer.

EDUCATION

Bachelor of Science: Computer Science, Muskingum University, New Concord, OH Expected: May 2019

Cumulative GPA: (3.3 Overall 3.8 Major/4.0 GPA)

Programming Languages & Tools -

Languages- HTML, CSS(Bootstrap), JavaScript, PHP, Java, Python, Visual Basic, ASP.Net & SQL

Software Tools – Visual Studio, Eclipse, Unity, Wordpress, Adobe Photoshop & Illustrator

Architecture Styling – Polymorphism, Inheritance, Database Diagramming, State Machine, Unit Testing, SVN & GIT

EXPERIENCE -

Programmer Analyst Intern, Magnum Magnetics, Marietta, OH (May 2018 – August 2018)

.Net Full Stack Internship, Programmed w/ASP.Net, VB.Net, SQL, CSS, and JavaScript(jQuery). Created Web Driven API Projects, Database Management Web pages, developed UI/UX wireframes, Web Graphics w/Adobe Photoshop, and a New Sales Order Entry system.

Admissions Student Assistant, Muskingum University, New Concord, OH (2016-Current)

Performed detailed reviews of students' admission records and prepared the documents for further analysis and processing with other admission staff. Assisted admission staff and others with structured student campus tours and new student recruitment. Processed student records into the University's software database.

Sales/Marketing Assistant, Mountaineer Trailer Sales, Vienna, WV (2014-2015)

Utilized effective communication skills to manage a sales website, market products, and meet the needs of customers. Gained experience working on a team to maintain business and customer satisfaction. Assisted with loading, unloading, and assembling new products and trailers for inventory and sale. Processed the uploading of products to and from the website's product database.

Projects -

Web API's Applications -

Created multiple API applications for my internship w/Magnum Magnetics. Created a Weather Based API Web Page/Widget, displaying the current weather forecast and the future weekly forecast. Created an Email Validation API Application/Widget, returning back whether the inputted email was valid or not

Order Entry System -

Created a new order system for the Sales department at my internship w/Magnum Magnetics. The flow of the system consisted of five separate web pages. The complexity of the project made us account for several types of orders and several types of variables to include. I implemented several Stored Procedures throughout the flow of events to handle the different data required for the orders.

Campus Tour Augmented Reality Application -

Created an application in my Augmented Reality class within the CS curriculum w/Muskingum University. The application was used for campus tours, it utilized & recognized different images on campus and returned more information to the user using the application. Such as which departments are in which buildings on campus and more related information about those departments. We used Visual Studio and Unity to develop this program.

Building Blocks Augmented Reality Game -

Application created within the CS curriculum as well. The game involved w/ the user either creating a new block tower, or using a pre-built tower to throw blocks at and attempt to knock down. The user was limited to the amount of throws they had for each round. The program was developed with Visual Studio and Unity too.

Aviation Wordpress Website -

Created an Aviation website for a family friend. I designed the website w/HTML & CSS(using Bootstrap) initially, and converted the website to the Wordpress platform. Added the inventory to the database hosted within the Wordpress system, and created custom PHP web pages to display individual posts for each of the aircrafts.

Extracurricular Activities:

Member: Muskingum University Football Team (2015-2017)

Member: Muskingum University Basketball Team (2015-2017)

Member: MACE Club (Fraternity) (Treasurer)

Member: Lambda Sigma Society (Honorary Academic Organization)