Qualifications page

As you may know from the home page, I’m currently enrolled at Eastern Connecticut State University (provide link) pursuing my computer science degree. I am currently a Junior and I’m not only pursuing my computer science degree but also two other minors These are Business information systems and Business analytics. With this combination I have learned a lot about biz tech and how the technology works in general. Here is a highlight of all the different programs and programming languages that I have experience with. Also Take a look at my portfolio page as well to get a better understanding of what I have done.

Microsoft suite

Microsoft Acess

I have also used Acess to view databases, granted this wasn’t if my experience with Oracle SQL. However, I still believe that this aided me to understand conceptually how databases worked and what they did.

Microsoft Excel

I have done quite a bit with Excel from learning the functions to learning how to make a dynamic excel sheet I would say that I know my way around the program.

Operating Systems

Linux

I have had some experience with Linux I was using the Ubuntu distro. I haven’t really done a whole lot with Linux other than the command prompt. However, this is a very important part of Linux, and I would argue that it is the best thing you can have under your belt while using Linux.

Windows

I have very extensive knowledge of windows; I have been using windows daily since I was twelve years old. I know my way around the operating system, and I have also experienced many different bugs and different malfunctions on the operating system. I have learned some things about registries and various other useful skills to have under my belt.

DOS

I have also learned about how to use DOS in windows, I don’t really have extensive experience with DOS. however, I have done some things over the years that would say that if give a tutorial I would understand what it is saying.

languages

HTML & CSS

I haven’t had too much experience with HTML and CSS, but I have had some good examples like this website. I believe that given time I can become very proficient in HTML and CSS, and I can create decent looking websites that are interactive and look good.

Java

Being my primary coding language, have been coding in java for about four years now. I believe that my experience with the language has shown, and I have repeatedly demonstrated that I understand how the class hierarchy interacts with all the Object-Oriented concepts. I don’t have too much on my GitHub page (link to GitHub) as of right now but I’m actively working on filling it up with all the projects that I have worked on over the years.

JavaScript

JavaScript is the logic for the website it is what makes it turn and work, I believe that I have an adept understanding of this. I have been working on my JavaScript skills since the beginning of the semester however I think that my java experience from years past has helped me tremendously.

Python

I’m currently taking a course in Advanced Web Development and Scraping and recently we have just started learning about python. In the class we are using Beautiful Soup and a whole list of other APIs to scrape data from websites. I still have a long way to go with this leaning, but I believe that if you give me a chance to learn about it on your team you will not be disappointed.

SQL

I have taken a class in database and information management; this course has allowed me to better understand SQL databases and how they work. In this course we used Oracle SQL to go over certain SQL queries and more. However, I would still call myself a junior developer, but I still believe that given the chance I would be able to learn SQL and become a better programmer.

IDES

Visual Studio Code

I recently started using this IDE and I have really enjoyed using it so far. It works for multiple different languages, but I have mainly been using it for HTML, CSS, and JavaScript.

IntelliJ

I have used IntelliJ as an IDE for java for about 6 months now and I believe that I have gotten to the point where I can use it effectively to write java code for my projects.

Eclipse

I have used eclipse extensively for years now, I would say that I have an adept understanding of how the IDE works. As this is my primary IDE, I could use it to code a project if I was prompted to do so. I have had many glitches and malfunctions with this program over the year and I have found solutions to most of them and got it working again. This program isn’t perfect however it gets the job done and what program is perfect?

Android Studio

This IDE Is very Similar to IntelliJ however there are some key differences between the two. I have done quite a few projects in android studio, and I think given some more practice with it I could become very fluent in the android API.

Portfolio

Most of my projects are located on my GitHub page (provide link). Currently I don’t have too many projects on there because I just started using it recently however, I will be trying to update it with some of my older projects. Still if you would like to look at them, I suggest you do that.

**Car Parking App**

However, there is one of the projects that I’m most proud of that I would like to go over in particular, that would be my car parking application (provide link).

I worked hard on that app, and I think that the functionality of it is quite good. What it does is it is a proof-of-concept app that is supposed to show you the open parking spaces at eastern.

Upon first loading the app you are greeted with this screen

A picture containing text

Description automatically generated

Then you can click on the more option buttons in the top right

A picture containing text

Description automatically generated

From this menu you will be able to select either garage

Upon selecting a garage, you will be greeted with a map of that garage

Chart

Description automatically generated

As you can imagine the red spot means that the spot is taken and the green means that the spot is open. You can also swipe left or right to go to the next floor or previous floor respectively.

Then the other option that you can select from the first menu is the settings

A picture containing shape

Description automatically generated

From here you can choose two options “pick up where I left off” or “open my favorite garage” this is quite self-explanatory.

That is my app it doesn’t seem like much but developing every little thing takes a long time and you can see all of the code on my GitHub page (put link here) if you don’t believe me.

**Wordle**

Another project that I would like to highlight would be my version of wordle (provide link) that I made. I saw the popularity of wordle, and I decided to take a shot at making my own version of it.

Currently its quite bare bones and more of a proof of concept than an actual game but it does work. There is only one word that you must try to guess but other than that its pretty much the same as the regular wordle.

As a side note the source code for wordle is also available on my Git hub page (provide link).

**BIS Project**

My final project that I would like to highlight would be a project that I haven’t completed yet and that would be “Information Systems in the Wild”. In this project we were tasked with finding a company and analyzing how covid 19 has affected their implementation of information systems and their business processes.

At the moment my group hasn’t made much progress on this project. I will update this if anything changes but we have had a hard time starting it because one of our group members has fallen ill and will need ample time to recover.