**Bjørn Mathisen**

## 224-622-8543 ◆ thebcm27@gmail.com

I am a recent Computer Science graduate who has worked in several roles ranging from a software developer, data analyst and a service technician. My previous roles have had me designing software using C# and the .Net framework to organize data, handle asynchronous server connections and to develop multithreaded applications. Ive used other programming languages such Python and Java to do data cleansing, terrain generation, WebSocket servers and CUDA compilations. In my experience I have often been thrust into new environments where I have been required to learn programming languages and other technical tasks quickly and efficiently.

**Primary Languages:** C#, C, .Net, C++, Python, SQL

**Familiar with**: Java, MongoDB, JavaScript, Java: Springboard, Kotlin, PHP, HTML, CSS, XML, WPF, JSON

**Some Familiarity**: LISP, Ruby on Rails, Modula-2, 32-bit Assembly, R, Pearl,

**Tools**: Visual Studio, Git, Linux Distros, MVC, Unit Testing, Agile Development, Docker, AWS

**Education:** B.S in Computer Science, Principia College 2014-2018

* Wrote a Windows Form client in C# .Net for the school club organizations to handle budgeting and administrative needs integrated with a SQL database to host and track data in-house.
* Wrote a compiler using C# .Netto compile Mod-2 code into MASM32 assembly.
* Developed a cross platform desktop chatting application using a custom-made python UDP server and accompanying python GUI capable of handling 65 thousand active connections.
* Debugged programs to strict specifications using unit testing in Java, C++, PHP and C# .Net.
* Constructed a low-level byte computer from chips and circuits, with custom machine level OP-codes written by the software team while the hardware team constructed the physical computer circuits.

**Experience**

**Micro Center**

IT & 1st Tier Support Technician

November 2019 – Present

* Used inhouse issue/customer tracking software to manage inventory, replacements parts and customer repairs.
* Troubleshoot network connectivity issues relating to firewalls, software or hardware issues.
* Use command line tools for all troubleshooting in PowerShell, Bash and Linux.

**Martina Carter**

Website Programmer

August 2019 – December 2019 - Contract

* Worked directly with client to design and build a custom website
* Designed static pages with JavaScript, HTML and Bootstrap to display data.

**Zerma**

Data Analyst / Python Programmer

February 2019 – May 2019 - Contract

* Worked independently to analyze the data organizational problem and came up with a viable solution to solve the company’s data needs.
* Wrote a python web crawler using public libraries to extract customer information into XML Data.
* Created a RDBMS database hosted on AWS and wrote queries to join and merge the data.
* Used advanced database techniques to remove 100% of the inaccurate information trimming down the data size from 45k to 17k usable data points.
* Used Microsoft Access, a database integration software to create a non-technical interactable way to view the data by clients for improved workflow.