**Bjørn Mathisen**

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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 from the ground up, data cleansing, debugging, programing and working with technical equipment. 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++, Python, C#, C, .Net, SQL

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

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

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

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

* Participated in a three-month simulated scrum team to develop software in two-week sprints according to client specifications for actual campus use.
* Wrote a GUI client in C# 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# to compile Mod-2 code into MASM32 assembly.
* Developed a cross platform desktop chatting application using a custom-made python UDP server and accompanying GUI capable of handling 65 thousand active connections.
* Debugged numerous programs to strict specifications using unit testing in Java, C++ and C#.
* Constructed a low-level byte computer from chips and circuits, with custom OP-codes written by fellow students.

**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 problem and came up with a viable solution to solve the company’s data organizational 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.
* Use Microsoft Access, a database integration software to create a non-technical interactable way to view the data by clients for improved workflow.

**Bio Engineering**

Field Technician

January 2019 – July 2019 - Contract

* Worked in teams of two to install, transport, and assemble large industrialized sized machinery according to blueprints and schematics.
* Used electrical diagrams to troubleshoot/debug and wire complex control panels.