BJORN MATHISEN

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EDUCATION

Principia College   Elsah, IL
BS Computer Science   August 2014 - December 2018

EXPERIENCE

Andersen Windows   Minneapolis, MN
Software Engineer   January 2021 - June 2021

- Worked within a team using an Agile style workflow to take on requests from Home Depot business contacts to facilitate changes and bug fixes for the in-house product catalog software.
- Met daily with QA to ensure code compliances and for quality testing of completed work
- Wrote unit tests prior to submitting to QA for quality assurance testing

Micro Center Corp   Saint Louis Park, MN
IT and 1st Tier Support Technician   November 2019 - January 2021

- Troubleshot network connectivity issues relating to firewalls, software and hardware issues
- Used command line tools for all troubleshooting in PowerShell, Bash and Linux
- Troubleshot physical and mechanical issues

Martina Carter Entertainment   Chicago, IL
Website Programmer   August 2019 - December 2019

- Worked with the client to design and build a custom static page website for content presentation
- Designed UX pages to display clients image heavy product listings

Zerma   Northbrook, IL
Data Analyst and Python Programmer   February 2019 - May 2019

- Wrote a Python web crawler using public libraries to extract information and format it in XML
- Created a RDBMS database hosted on AWS and wrote SQL 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

SKILLS

Primary Languages:	C#, Python, .Net, C, C++, SQL
Familiar with:	Java, MongoDB, JavaScript, PHP, HTML/CSS, Bash, XML, .NET Core
Some Familiarity:	LISP, Ruby on Rails, Modula-2, 32-bit Assembly Code, R, Perl

PROJECTS

Unreal Engine Video Game *C++, Unreal Engine 4, Animation, 3D Modeling, asynchronous server architecture*
A first person action RPG video game with a procedurally generated layout, dynamic GOAP AI combatants and multiplayer support. Capable of handling up to 100 concurrent connected players.

Python Chat App
A python GUI and UDP server capable of handling multiple encrypted connections and dynamically storing chat history on a per user basis.

AWARDS

Eagle Scout
"Eagle Scout" is not just an award; it is a state of being. It represents integrity and the ability to do hard work