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**EDUCATION**

**New Albany, IN Indiana University Southeast Fall 2015-Fall 2020**

* B.S. in Computer Science in Mathematics
* Coursework: Software Engineering; Programming Languages; Computer Structures; Data Structures; Data Science; Analysis of Algorithms; Database Concepts; Artificial Intelligence; Operating Systems; Web enterprise software

**LANGUAGES, TECHNOLOGIES, AND OTHER EXPERIENCE**

* C#; C; C++; JavaScript; PHP; Java; Python
* .NET Core MVC; Entity Framework; React; Redux; Git; JetBrains Suite; Unity3D; Angular; Laravel; React Native
* Linux; Nginx; Apache; IIS; cPanel WHM; Azure; vSphere; Raspberry Pi; Arduino

**WORK EXPERIENCE**

**Full Stack Developer Louisville Geek March 2018-Present**

* Work with Clients and development team to plan, develop, and support software applications.
* Other responsibilities include:
* Maintain internal webservers and vms
* Manage client hosting environments
* Setting up Continuous Integration and Deployment for software development
* Project management and direct client communication

**Computer Science Tutor Indiana University Southeast Fall 2017-Spring 2018**

* Assist Students in their course work by providing insight into the problem or assignment.
* Work closely with professors to ensure students understand material and seek appropriate assistance.

**Produce Clerk Kroger March 2015-December 2017**

* Keep produce floor full, fresh, and clean.
* Apply the 3A’s (Acknowledge, Assist, and Appreciate) to all customers.
* Work well with team to accomplish tasks effectively and efficiently.

**ADDITIONAL EXPERIENCE**

**Projects**

**Github.com/jb1361**

* **UptimeRmx** (2019-Present). Remote monitoring software for PLC’s that provide machine information through custom protocol. The protocol spec allows the system to monitor all information from any machine through a robust configuration; .NET Core; React
* **RaspSat** (2019). A Cubesat project powered by Raspberry Pi’s; Python
* **Exaltor** (2018). Internal Dev Ops system. React; .NET Core MVC
* **3CX Wallboard** (2018). Application to retrieve data from 3CX database to present it in a meaningful way and run a daily report. Laravel
* **Open Angel Arena** (2017). Open source contribution to a mod for the game called Dota 2. (github.com/OpenAngelArena)
* **Kattis** (2017-2018). Tackle programming problems from previous ACM contests. Python; C++

**Research**

* **RS3 GE Prediction Model** (2017). I developed a model that predicts future prices of items in a game by collecting three months of data and running a linear regression algorithm to produce price predictions.