**Zachariah Swanson**

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**SOFTWARE ENGINEER**

**SUMMARY**

* Software development student bringing knowledge in contemporary techniques and tools used to create software applications, managing/analyzing data, and building/maintaining software and software products.
* Current skill set includes virtual machines, networking, security, Linux, C++, JavaScript, IoT devices, SQL, HTML, C#, Python, and Azure cloud.
* Strong written and verbal communication skills maintaining important documentation and reporting.
* Adept at problem solving through identifying the root cause, developing an action plan, and applying a resolution to solve complex technical issues.

**EDUCATION**

DeVry University | Naperville, IL

**Bachelor of Science in Software Development**: **Software Design & Programming** | Expected: January 2024

* **Relevant coursework**: Intro to Programming; Cloud Computing; Database Programming; Programming w/Lab; Object-Oriented Prog w/Lab; Object-Oriented Analysis & Design; Software Engineering I/II; Intro to Mobile Device Programming.

**Associate of Science in Information Technology & Networking: Info Systems & Programming |** Dec 2022

* GPA 3.93; Honors student of the National Society of Leadership and Success (NSLS).

**TECHNICAL SKILLS**

* Python
* IoT
* Azure Cloud
* SQL
* C++
* C#
* JavaScript
* AutoCAD
* MYSQL
* Linux (VM, networking, security)

**PROJECTS**

**Fundamentals of Algorithms with Python**

* **Install data and use algorithms for interface interacting with the data for statistical analysis.**
* **Installation of python on pc.**
* **Downloading weather data.**
* **Extracting data form online database into comma separated file.**
* **Use analytic modules to develop graphical models.**

**Fundamentals of Azure VM’s**

* Design and development process of building a network of VM’s:
  + Structuring tree of planned VM’s.
  + Creating and deploying VNet with subnets and establishing connection.
  + Deploying VM’s into subnets established beforehand.
  + Configuring tree with security precautions and reworking around updates.

**MILITARY EXPERIENCE**

**Branch: United States Navy** | Rank: E-2 | November 2019 to February 2021

Honorable Medical Discharge