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**TARLETON STATE UNIVERSITY GRADUATE COMPUTER SCIENCE MAJOR 3.10 GPA**

**MINOR OF BUSINESS INFORMATION SYSTEMS**

*Experience in Software Development, Data Visualization, Data Base Building, Various Coding Languages, and Software Engineering*

***Key Strengths:***

Project Leadership | Code Development | Testing | Research | Efficiency Algorithm Applications| C# Specialist

Digital Circuits | Java, C, C#, C++, Python, HTML and SQL Programing | Data Structures | Program Integration | Data Visualization

**EXPERIENCE**

**Texas A&M School System | Student (College of Electrical Engineering and Computer Science)**, 2020 – 2023

* 2023 Tarleton Dean’s List Student
* Caterpillar inc. Certified Production Service Technician June 2022- August 2022

-Worked as both a lineman and apprentice in the

Utilization of Embedded C on ECMs

* Peer Mentor at Tarleton State University 2020- 2022

-Guided Students toward plans that would

Optimize their college successes

* Personal Algebra and Cal I Tutor 2020- Date
* Met with Underclassmen to

discuss and break down various Math concepts

* Personal Java coding tutor by Request 2021- Date
* Met with Underclassmen struggling with concepts in Java

Such as Inheritance, Polymorphism, threads, loops, arrays

Data Structures and Syntax

* IT Helpdesk Personnel at the University of Texas Permian Basin

installed VOIP Phones

* Preformed trouble shooting techniques on Client Systems
* Helped with password resets
* SW Engineer on Music Tracker Project August 2021 – December 2021

-My team utilized Agile development techniques

Use-Case Diagrams, Sequence Diagrams

And both front and back-end development

to build a functional Music Tracker.

Collaborated with cross-functional teams

to develop and implement data-driven solutions.

* Web Developer for my small business January 2022 – Current
* Developed UI/UX and backend services for

Small businesses based on client requirements.

All websites are built from scratch in

Visual Studio Code and updated based

on growing user requirements.

* Proficient at coding in the following languages
* HTML (3 years)

I primarily utilize my knowledge of HTML5 in combination with

jQuery, Angular, PHP, CSS and Bootstrap in order to build and design responsive

web pages for clients

* C (3 years)
* I primarily use this language in combination

with Linux command line for data visualization

of possible system processes

(Learning embedded c further)

* C++ (3 years)
* I primarily use C++ for data visualization in combination

with relational databases and graphical user interfaces

* C# (3 years)
* C# is my language of choice which I utilize in the .NET

Framework in combination with ASP, Relational Database

, SQL, and Module View Control for web-based data visualization

and manipulation

* Python (2 years)
* I primarily use python to program algorithms for encryption with JSON, GUI,

and code challenges

* SQL and System Analysis and Design

While I utilize SQL across various platforms, I also use it as

A method for deriving needed implementations to businesses by creating

Data dictionaries and 4NF ERDs

* Java(4 years)

I can utilize various techniques and data structures in java

and utilize them in console and web applications.

As well as collect, manipulate and analyze data from various sources using XML

Prepare reports and visualizations to communicate findings

Identify trends and patterns in data to help inform business decisions

* Troubleshooting
* I Utilized knowledge of various terminal commands to troubleshoot networks

Included but not limited to knowledge of networking fundamentals;

DHCP, DNS, IP Addressing, VPNs, LANs, WANs, VOIP, firewall, etc.

* Utilization of Linux and Unix operating systems
* Excellent knowledge of utilizing file hierarchy and commands to create

and run various projects in C

* Drawing UML diagrams and Use Case Diagrams
* Proficient in SQL, MS Access, MySQL, Microsoft SQL Server, Visual Studios, Eclipse

Code Blocks and Visual Studio Code, Git

Knowledge of Databases, Oracle, MSSQL, MS Access

Knowledge of Mac and Linux

Knowledge of any scripting languages like JavaScript

Knowledge of networking fundamentals; DHCP, DNS, IP Addressing, VPNs, LANs, WANs, VOIP, firewall, etc.

Knowledge of networking tools; Ping, NSLookup, TraceRT, etc.

Knowledge of Microsoft Products; Microsoft Office 365 and Windows Active Directory

* Currently Obtaining: AWS DevOps Certification
* Pursuing a Masters Degree

**University of Texas School System | Student (College of Engineering)**, 2019 – 2020

* Dean’s List Student 3.5 G.P. A
* Java Programing Project Lead
* Utilization of Eclipse Integrated Development Environment

**EDUCATION**

**Tarleton State University | Bachelor of Science in Computer Science**