Dean Martel

(613)-930-5*** | deanmartel2001@outlook.com | Cornwall, ON

CERTIFICATION

**Cisco Certified Network Associate
(CCNA)** **2024**

TECHNICAL SKILLS

Server Deployment **2023+**

Linux | Windows

Deployed a head-less home server to handle persistent operations that are accessed throughout the day, some of which include: FTP client, home media server, tunneling applications, etc. Implementing this allowed for a further understanding of both Local Area Networks(LAN) and the command line which is commonly used in the industry.

Distributions Used:

- *Linux: Red Hat Enterprise Linux (RHEL)*
- *Windows 10 Pro*

Programming **2022+**

C | C++ | C# | HTML | CSS | Javascript

Attended St. Lawrence College to study Game Programming to gain a further understanding of the programming field. This experience provided an understanding of multiple programming languages, from web development to game engines. In terms of networking, various concepts were taught (OSI Model, Network Topology, TCP/UDP, etc.) and implemented using the Winsock API.

Further Concepts:

- *Object-Oriented Programming (OOP)*
- *Singleton Design Pattern*
- *Proper Syntax and Coding Practices*
- *Application Programming Interfaces: SDL, OpenGL, Winsock*

Cloud/Networking Services **2021+**

Amazon Web Services | Cloudflare

Acquired personal license accounts to tinker with some of the offerings provided by cloud services and prepare for their uses in the field. The use of virtual machines allowed for testing various hardware configurations that would otherwise be costly to reproduce. As for Cloudflare services, the DNS tunneling service was used to implenment a personal Domain Name on a home server allowing for a secure connection for applications.

Currently Learning:

- *AWS Certified Cloud Practitioner*
- *Microsoft 365 Certified: Fundamentals*

EDUCATION

St. Lawrence College | Game Programming **Expected 2024**

- *Studied the fundamentals of programming in C++/C#*
- *Networking*
- *Coding using Visual Studio 2022 IDE*