

MICHAEL OWUSU ACHAW

403-929 4039 | Lethbridge, AB | michaelowusuachaw723@gmail.com

LinkedIn: www.linkedin.com/in/michael-owusu-achaw | Portfolio: <https://michaeloa.vercel.app>

SUMMARY

Detail-oriented and self-motivated final year **Computer Information Technology** student looking to expand knowledge and expertise in **networking, web development, and system administration**. Skilled in creating **responsive websites**, designing **secure network systems**, and **troubleshooting technical issues**. Proficient in programming languages including Java, C#, and JavaScript, with a passion for delivering efficient and innovative IT solutions.

EDUCATION

Lethbridge Polytechnic

Computer Information Technology – 2 Year Diploma
GPA: 3.4/4.0

Lethbridge, Alberta

Expected graduation: October 2025

Relevant Coursework: Networking, Network Security, Windows Server Administration, Programming (C++, C#, Java, PHP), Web Development (HTML/CSS, JavaScript, Bootstrap, SQL), Windows OS, Linux OS, SDLC & System Troubleshooting.

CERTIFICATIONS

Career Essentials in System Administration by Microsoft and Linked In (September 2024)

Network Technician (Basics) by Cisco (In progress: April 2025)

CompTIA A+ (In Progress: Projected May 2025)

PROJECTS

- **Windows Server 2019 College Network Infrastructure Project:** Designed and implemented a network infrastructure using two Windows Server 2019 virtual machines to simulate a real-world college IT environment.
 - Configured Active Directory Domain Services (AD DS) with OUs, security groups, and user accounts to establish a structured and secure network environment.
 - Deployed Distributed File System (DFS) for fault-tolerant file sharing, synchronized using replication across multiple servers.
 - Applied Group Policy Objects (GPOs) to enforce program-specific restrictions, folder redirection, and system customizations for users.
 - Managed printer services, set up network and local printers, and deployed access permissions via GPO for seamless user integration.

Technologies: Windows Server 2019, Active Directory Domain Service, Hyper-V, DFS, GPOs, DNS, Static IPs,

- **Office Network Design and Implementation:** Designed and implemented a secure, scalable, and fault-tolerant office network infrastructure, incorporating wired and wireless connectivity, server configurations, and network security measures.
 - Network Infrastructure Planning: Developed a comprehensive network wiring plan and topology, incorporating CAT6 cables, fiber optics, and wireless access points for connectivity across all office sections.
 - Hardware Configuration: Installed and configured routers, switches, and wireless access points to ensure seamless communication between different network segments and devices.

- Server Setup: Deployed and configured DHCP, DNS, and backup servers to handle IP address allocation, name resolution, and data redundancy effectively.
- Network Security and Testing: Integrated firewalls for secure internet access and performed end-to-end testing of all network devices and connections to ensure proper functionality and fault tolerance.

Technologies: Firewalls, Routers, Switches, WAP, DHCP, DNS, Network Design and Visualization Tools (MS Visio), LAN, WAN, CAT6 Cabling, Fiber Optics Cabling

- **Online Portfolio Development Project:** Designed and developed a professional online portfolio to showcase IT skills, projects, and achievements for school and professional life.
 - Built a responsive portfolio website with a structured layout, including a résumé, project samples, and a personal mission statement.
 - Showcased programming and project work with interactive sections highlighting HTML, CSS, and JavaScript expertise.
 - Included references and accolades to validate skills, along with a dedicated section for volunteer experience and IT contributions.

Technologies: HTML, CSS, JavaScript

EXPERIENCE

Company: SASHA 10/2023 - Present

Client Support worker

- Received the Fulfillment Champion Award for consistent, excellent performance
- Was promoted within 4 months of initial hire, due to consistently meeting metrics
- Contributed to the official corporate training curriculum which was then used to train new hires
- Consistently met customer demand by consistently volunteering to work over-time during our busiest seasons

Company: Lema Printing Press 08/2022 – 08/2023

Assistant Press Operator

- Operated and maintained printing presses, ensuring accurate setup and quality output.
- Collaborated with the team to meet production deadlines and resolve pre-press errors.
- Produced high-quality printed materials, including newspapers, brochures, and flyers.
- Ensuring optimal printer operation, real-time adjustments, and troubleshooting when need be.

Municipal Computer Lab 09/2021 – 07/2022

Tech Support

- Provided technical assistance to users, resolving software and hardware issues for a minimum of seven users daily.
- Managed lab schedules and ensured compliance with usage policies.
- Collaborated with team members to complete IT projects on time.

REFERENCE

Timothy D. Frantz, CIS

Instructor, Computer Information Technology

Lethbridge Polytechnic

(403)-320-3202 x5574

timothy.frantz@lethpolytech.ca