**Lathan Latty**

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**EDUCATION**

**Ontario Tech University | Oshawa, ON**

***Bachelor’s Degree | Software Engineering*  September 2024**

**Relevant Courses:** Calculus, Physics, Programing For engineering

**Durham College | Oshawa, ON April 2024**

***Ontario College Certificate | General Arts and Science – Engineering Preparation***

**Relevant Courses:** Calculus, Vectors, Physics, Chemistry, Computers For engineering

**Centennial College | Scarborough, ON**

***Ontario Advanced Diploma | Computer Systems Technology***  **April 2023**

**Relevant Courses:** Network Management, Ethical Hacking, IT Project Management, Unix/Linux

**TECHNICAL SKILLS**

**Programming Languages:** Python, HTML/CSS

**Networking Management Tools:** Cisco IOS, Cisco Meraki

**Operating Systems:** Windows XP/Vista/7/8/10/11, Windows Server, Linux, Mac OS, Cisco IOS

**Tools:** Slack, Jira, Trello, Microsoft Office

**PROJECTS**

**Auto Water Plant System with Raspberry Pi | Self-Directed Project April 2024 - Present**

* Developed an automated plant watering system using Python, Raspberry Pi, and a pump.
* Integrated hardware components such as Raspberry Pi and moisture sensors for real-time soil moisture monitoring.
* Designed and implemented a web interface to remotely monitor watering schedules and track data visualization.
* Demonstrated problem-solving skills by troubleshooting technical challenges and refining system performance.

**Capstone Project: Network Re-Design for Orange Banking Company | Centennial College Jan 2023- April 2023**

* Completed a Technologist project redesigning the network infrastructure for a Banking Company.
* Aimed at establishing robust IT infrastructure and services across multiple locations.
* Implemented key services including enhanced data security measures, upgraded encryption standards, modernized hardware and software procurement, and the deployment of VoIP technology.
* Project timeline: January 2023 to April 2024.
* Deliverables included a renovated HQ server farm, secure file-sharing protocols, strengthened wireless networks, and remote site VPN access.
* Bolstered network efficiency and security.
* Ensured scalability for future growth.

**Ethical Hacking Project | Centennial College Feb 2023 - Apr 2023**

* Developed and tested an ethical hacking platform within a virtual environment to enhance cybersecurity skills.
* Configured virtual machines including an offensive machine based on Kali Linux and target machines utilizing Metasploitable 2.
* Researched and installed five new tools, conducted ethical hacking engagements, and documented the project with detailed reports and presentations.

**PROFESSIONAL EXPERIENCE**

**IT Service Desk Analyst | Recipe Unlimited | Vaughan, ON Summer 2023**

* Efficiently troubleshooted restaurant-related issues using various software tools for prompt resolution.
* Provided comprehensive operational and technical support to Recipe Unlimited restaurants via telephone and remote access, ensuring smooth day-to-day operations.
* Collaborated with IT and Restaurant Operations, becoming a subject matter expert in POS systems and Back Office Software.

**IT Technician | Canada’s Wonderland | Vaughan, ON Feb 2022 - April 2023**

* Primary point of contact, addressing hardware, software, POS, and network inquiries via help-desk line, emails, and phone.
* Install, configure, and manage desktops, laptops, mobile devices, and software to ensure usability. Troubleshoot and diagnose issues, providing both in-person and remote support.
* Assist tech services team in resolving network, camera, and access control issues. Aid in configuring and testing new hardware and software.

**PERSONAL EXPERIENCE**

**IT Consultant | LDL Consulting | Toronto, ON Feb 2021 - Feb 2022**

* Proficiently installed essential software remotely to support clients' home office requirements.
* Designed and implemented efficient home office configurations to enhance remote work productivity.
* Set up NAS systems for seamless home and work data storage, ensuring accessibility and security.
* Provided tailored recommendations for computer, storage, and OS upgrades to optimize clients' remote work environments.