

Joe Jaison T

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EDUCATION

Computer Systems Technician - Networking

Centennial College, Toronto, Ontario, Canada.

Clubs and societies: Toastmasters International

September 2019 – April 2021

Electrical Engineering and Computing Technology

University of Ottawa, Ottawa, Ontario, Canada

Clubs and societies: uORocketry, uOFPGA

September 2023 – Present (expected 2028)

WORK HISTORY / PROJECTS

uORocketry – University of Ottawa's Rocketry Club

Ottawa, ON

September 2023 - Present

Electrical Engineer

Key Achievements:

- Proficiency in Altium Designer: Designed and reviewed circuit schematics, generated BOM, PCB layouts, and routing to ensure optimal performance.
- Aerospace-Grade Component Selection: Conducted thorough research to select high-quality components and materials for PCB manufacturing, ensuring compliance with industry standards and safety requirements.
- PCB Manufacturing: Manufactured PCBs using surface-mount (SMD) and through-hole components, employing tools such as a heat gun and soldering iron.
- Microcontroller Programming: Programmed and flashed onboard microcontrollers using Rust and JLink, optimizing system functionality.

Yupana Inc

Toronto, ON

June 2022 – August 2023

Site Technician/Auditor

Key Achievements:

- Base Band Unit Integration: Integrated base band units in cell sites for 2G/3G/4G/5G networks, following precise installation guidelines.
- Compliance and Supervision: Followed directions from site supervisors and adhered to company guidelines during telecommunication unit installations.
- Data Auditing and processing: Recorded, reviewed, and interpreted audit data to evaluate operational effectiveness and compliance.
- Special Projects: Managed additional duties and special projects to ensure efficient business operations and regulatory compliance.

Bell Canada

Toronto, ON

August 2021 – May 2022

Field Service Technician (Structured Cabling) - BTS

Key Achievements:

- **Network Infrastructure Maintenance:** Worked on network infrastructure, including Pure Fiber Internet, home phones, and DSL.
- **Technical Support:** Repaired, installed, and troubleshot network devices and infrastructure.
- **Riser Technician Training:** Trained as a riser technician, proficient in working at heights and handling fiber backbones.
- **Technical Assistance:** Assisted fellow technicians with technical difficulties and roadblocks, ensuring project success.
- **Customer Service:** Provided exceptional service to customers through positive communication, professional appearance, and conduct.
- **Brand Representation:** Actively supported the Bell brand by highlighting its benefits to customers, enhancing their satisfaction and loyalty.

CDI Technologies

Markham, ON

May 2020 – June 2020

Computer Technician

Key Achievements:

- **System Repair and Configuration:** Expertly repaired and configured computer systems as per client requests, ensuring all hardware and software components were functional and up to date.
- **Efficiency in Performance:** Consistently met daily targets, demonstrating the ability to handle computer systems swiftly and accurately. This efficiency contributed to the timely fulfillment of orders.
- **Team Collaboration:** Worked closely with a team of technicians, coordinating efforts to ensure early completion of projects. This collaborative environment enhanced overall productivity and customer satisfaction.

Centennial College

Toronto, ON

January 2020 – April 2020

ICET Workshop

Workshop Achievements:

- **Computer and Accessory Repair:** Repaired and configured computers and accessories per appointment, maintaining meticulous documentation.
- **School Equipment Servicing:** Collaborated with a team to service and repair school equipment, ensuring functionality and minimizing downtime.
- **Guided Problem-Solving:** Addressed technical issues with precision and efficiency, applying guidance and strategies from professors to prevent component damage.
- **Proficiency in Ticketing Systems:** Utilized ticketing systems to track and manage repair tasks, ensuring timely resolution and clear communication.

Centennial College

Toronto, ON

January 2021 – April 2021

Technician Project

Project Achievements:

- **Networking Equipment Setup:** Collaborated with a team to establish a fully operational network environment, ensuring optimal performance and reliability.
- **Team Collaboration:** Leveraged past learning experiences and group coordination to achieve project outcomes effectively and efficiently.
- **Server Configuration:** Played a key role in configuring servers, including FTP, DNS, HTTP/S, and DHCP, to meet project requirements.
- **Network Topology Design:** Contributed to designing and implementing the network topology, aligning with project goals and technical standards.