

# Mateo Cuba

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<https://github.com/mateocuba>

## PROFILE

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Technical-focused IT student with hands-on experience in Windows/Linux systems, Active Directory, and Router/Switching configuration through labs and academic projects. Skilled in network configuration (DNS/DHCP) and system troubleshooting with strong problem-solving abilities. Effective communicator with customer service experience, eager to apply technical knowledge in professional IT environments.

## EDUCATION

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### Computer Systems Technician - Networking Diploma

2024 – Present

Algonquin College, Ottawa, ON

- Cumulative GPA: 3.84 / 4.0 | Dean's Honours List

## RELATED EXPERIENCE

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### CCNA Switch/Router Configuration - Cisco Packet Tracer Project

- Designed and secured a scalable multi-VLAN architecture for optimized traffic segmentation and access control.
- Implemented EtherChannel for high-availability trunk links, improving bandwidth utilization and redundancy.
- Deployed a DHCP server with custom scopes, exclusions, and snooping to prevent IP conflicts and rogue attacks.
- Hardened switch ports using BPDU Guard, PortFast, and MAC-based security to mitigate unauthorized access.
- Configured static routing and RSTP to ensure reliable inter-VLAN communication and loop-free topology.

### TCP Chat Application (Client-Server) - Python Project

- Developed a terminal-based messaging app allowing multiple users to chat over a local network.
- Created threaded architecture to support simultaneous message handling for multiple clients.
- Implemented server-side broadcasting to send messages to all connected clients.
- Applied networking concepts such as the client-server model, TCP protocol, and socket communication.

## PROGRAM-RELATED SKILLS

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- **Systems Administration:** Active Directory, Group Policy, Microsoft Exchange, Microsoft Azure
- **IT Support:** Hardware/software troubleshooting, device provisioning, ticketing systems
- **Networking:** Advanced router/switch configuration, DNS, DHCP, Wireshark
- **Operating Systems:** Windows Server, Linux administration
- **Tools:** Python, VMware, GitHub, MySQL
- **Soft Skills:** Client-focused technical support, problem-solving, team collaboration

## OTHER EXPERIENCE

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### Cashier

Feb 2024 – Jul 2024

Cashier McDonald's, Arequipa, Peru

- Provided customer service in a fast-paced environment, resolving issues and ensuring satisfaction.
- Operated POS systems, handling cash and card transactions accurately.
- Maintained workstations and adhered to health and safety regulations.

### Soccer Field Dome Setup Volunteer

Nov 2024

Algonquin College Soccer Field, Ottawa, Ontario

- Assisted with setup of a large-scale sports structure, coordinating tasks with team members to ensure efficient and safe installation.
- Managed equipment and tools, demonstrating attention to detail and effective time management.
- Collaborated with a team to ensure timely completion of the project, showcasing teamwork and communication skills.
- Problem-solved during setup challenges, applying critical thinking to find effective solutions.

## CERTIFICATIONS

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- CCNA (In Progress) - Cisco Certified Network Associate

## LANGUAGES

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- English - Fluent
- Spanish - Fluent
- Portuguese - Intermediate