

Mahad Khurram

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Education

University of Toronto

Toronto, ON

BASc, Computer Engineering – PEY Co-op

2T9 + PEY (Expected May 2030)

UTFR Driverless, UTMIST, soccer intramurals.

Certification: Harvard CS50: Introduction to Computer Science, 2026 **Test Score:** SAT 1530/1600, 2024

Technical Skills

Languages: Java, Python, C, C++, JavaScript, SQL, HTML/CSS

Tools and Systems: Node.js, Linux, Bash, Docker, Git, FTC SDK

Experience

Smart Matrix General Trading

Dubai, UAE

Software Engineering Intern

May–Aug 2026

- Contributed code to Node.js-based queue management and kiosk software, working with senior engineers on customer-requested interface and token-routing changes.
- Gathered requirements during on-site installations, including clinic workflows spanning kiosk token issuance, reception, triage, and doctor workstations.
- Installed and configured media players and kiosks; provided on-site and remote support for customer hardware and software issues.

DataAnnotation

Remote

AI Model Evaluator

June 2026–Present

- Evaluated AI-generated responses for accuracy, reasoning quality, and instruction adherence, documenting errors and comparing response quality.

EAZYTECH Inc.

Oakville, ON

Technical Operations Assistant

July 2025–Aug 2025

- Installed digital signage, queue management, and electronic shelf label systems, configuring devices, networks, cabling, and peripherals.
- Diagnosed on-site hardware and software faults independently and coordinated with remote software engineers to resolve customer issues.

FTC Robotics Team 22035

Burlington, ON

Head of Programming, 2024–25; Junior Programmer, 2023–24

2023–2025

- Led Java development using the FTC SDK for autonomous and driver-controlled robot operation during the 2024–25 season.
- Implemented and tuned PIDF control for a variable-length scoring arm to maintain its position as extension changed the required holding torque.
- Calibrated and tested autonomous robot routines using the FTC SDK.
- Team qualified for the 2025 Ontario Provincial Championship; earned Inspire Award 2nd Place at the 2024 Mississauga Qualifier and Connect Award at North York.

Projects

Linux Home Server / NAS

Ubuntu, Docker, Bash, SMB

- Deployed Jellyfin, Navidrome, and Nextcloud on an Ubuntu server with 4 TB of external storage and SMB file sharing.
- Configured storage mounts, file permissions, and automatic service startup; enabled remote access to hosted applications through a Cloudflare-managed domain.

Chess and Scrabble

Python, Java

- Built local multiplayer Chess in Python and Scrabble in Java, implementing game-state management, rule enforcement, turn handling, and scoring.
- Structured game logic around players, turns, and boards; used Chess as the CS50 final project.