

Fayez Ismail

The logo consists of the letters 'FI' in a white, serif font, centered within a teal-colored rounded rectangle.

**COMPUTER ENGINEERING
INNOVATION & ENTREPRENEURSHIP STREAM**
2nd year Student At Queen's University

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[LinkedIn Page](#)

EXPERIENCE

Communication Coordinator

Jul 2024 - Current

ECE Department, Queen's University | Ontario

- Coordinated communications for the Electrical and Computer Engineering (ECE) department.
- Managed and disseminated information to students, faculty, and external stakeholders.
- Organized events and initiatives to improve department visibility and engagement.
- Represented the largest engineering department at Queen's University, with over **500** students.

First Robotics

Jan 2021 – Current

FIRST Global Challenge (FGC) | Switzerland/Singapore/Greece

- **2021:** Joined the robotics team, learning the basics of robotics and programming.
- **2022:** Participated as a student in the FIRST Global Challenge in Geneva, serving as a Programmer and Spokesperson.
- **2023:** Mentored a team of **50** students and volunteered as a Flying Squad Member at the FIRST Global Challenge in Singapore, providing technical assistance to over **1,100** students for both software and hardware issues.
- **2024:** Mentored a team and was accepted as a volunteer at the FIRST Global Challenge in Athens, Greece, with primary roles as a Robot Inspector and Flying Squad Member (traveling in September).

Community Representative

Jan 2019 - June 2023

Various Non-Governmental Organizations (NGOs)

- Assisted NGOs during summer vacations and school breaks, working on development programs aimed at improving living conditions in various communities.
 - Attended and facilitated sessions and meetings with local community representatives to conduct needs assessments using the Rapid Participatory Approach (RPA).
 - Identified suitable development programs based on the assessed needs of each community.
 - Communicated and collaborated with individuals and groups from development organizations and local communities to improve environments and living conditions.
 - Engaged with community members to gather feedback and insights, working together to determine effective ways to create positive change.
 - Enhanced leadership, communication, and interpersonal skills becoming more confident and comfortable discussing issues with people from diverse backgrounds.
 - This voluntary work significantly boosted personal potential, contributing to a more extroverted, talkative, and self-assured demeanor that made a positive impact.
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PROJECTS

Team Lead

Jan 2024 - Apr 2024

Lunar Rover | Queen's University

- Led a 12-week project in collaboration with the Canadian Space Agency (CSA) to develop a rover for lunar surface navigation.
- Utilized skills in electrical component integration, 3D modeling with SOLIDWORKS, and designing traction mechanisms.
- Transformed 3D models into functional components using advanced 3D printing and precision cutting techniques.
- Documented each step in weekly reports for thorough communication and project tracking with the client.

Team Lead

Sep 2023 - Dec 2023

Automated Fluid-Powder Dispenser | Queen's University

- Led a team in a 12-week project to model and build an Automated Fluid Dispenser for precise fluid and powder dispensing, crucial for consistent medication creation.
- Applied diverse skill sets in 3D modeling (SOLIDWORKS), Arduino programming (C++), workshop fabrication, and electrical engineering.
- Emphasized detailed documentation and maintained transparent communication with stakeholders throughout the project to ensure alignment with project goals.

EDUCATION

Bachelor of Applied Science, Computer Engineering

Sep 2023 – Apr 2027

Innovation and Entrepreneurship stream

Queen's University

High School Diploma

Sep 2018 – Apr 2023

Najah Secondary School

Programming Course

Jan 2019 – Dec 2021

Udacity

Certified in:

- **Front- End development**
- **Full- Stack Development**
- **Data Analysis**
- **Android Development**

LANGUAGES

English, Fluent, Proficient (C2)

Arabic, Fluent, Proficient (C2)

French, Upper Intermediate (B2)

SKILLS

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, C, C++
- **Web Development:** HTML, CSS
- **Data Analysis:** Proficient in analyzing and interpreting complex data
- **Software Proficiency:** Microsoft Excel, Word, PowerPoint (10+ years)
- **Version Control:** GitHub for version control and collaborative development
- **3D Modeling:** SOLIDWORKS

COMMUNICATION SKILLS

- **Public Speaking:** Spokesperson for Team Palestine at the FIRST Global Challenge 2022
- **Communication Coordination:** Coordinator at the ECE department, Queen's University
- **Multilingual Volunteering:** Trilingual tourist guide for one year

LEADERSHIP & MANAGEMENT

- **Leadership:** Mentor for two robotics teams; Team lead in university projects
- **Project Management:** Managed various projects, ensuring successful completion
- **Client Relations:** Completed a course on client relations; Experience with the Canadian Space Agency

ADDITIONAL SKILLS

- **Research:** Strong research capabilities
- **Problem-Solving:** Effective problem-solving abilities
- **Report Writing:** Proficient in writing detailed and structured reports
- **Organization:** Highly organized and detail-oriented

REFERENCES

Noura Attili From First Global Challenge

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