

# Jalal Galal

Toronto, Ontario | +1 (437) 662-8020 | [j.galal@mail.utoronto.ca](mailto:j.galal@mail.utoronto.ca)

## EDUCATION

### University of Toronto

BSc in Electrical and Computer Engineering.

Toronto, ON

Ongoing

## TECHNICAL SKILLS

Experienced with the following skills:

- Programming Languages: Familiar with Python; competent with C and MATLAB.
- Software Proficiency: Experienced with Microsoft Office Suite.
- Customer Service: Experience in sales and customer relationship management.

## PROJECTS

1. Low Water Level Alarm for Pet Dish, Project Designer, University of Toronto
  - Description: Engineered a versatile, low-cost alarm for pet dishes to ensure consistent water availability. Adaptable across multiple pet types and dish sizes.
  - Impact: Improved pet care and hydration; design is currently in the commercialization process to reach a wider market.
2. Solar Radiation Reduction System, Project Designer, University of Toronto
  - Description: Developed an automated solution to reduce solar radiation in Robarts Common, enhancing comfort without sacrificing natural light.
  - Impact: Created a more comfortable study environment by effectively balancing natural light and temperature.
3. Breast Cancer Research Representation, Research Presenter
  - Description: Represented a pivotal research project at the 2022 UMST Faculty of Engineering activity for Breast Cancer Day, focusing on early detection of breast cancer using MATLAB to analyze mammograms.

## EMPLOYMENT EXPERIENCE

### Luqman Medical Co

Sales Representative

May 2022 – Sept 2022

- Functioned as a Sales Representative at Luqman Medical Co, selling medical supplies such as catheters, cannulas, and IV injections.
- Underwent thorough product training to effectively communicate features and benefits to clients, leading to successful sales.
- Leveraged strong communication and interpersonal skills to establish and maintain customer relationships.

### Unimed Pharmaceuticals

Assistant Operator

Nov 2020– Jan 2021

- Assisted the machine operator in managing the compression machine line at Unimed Pharmaceuticals.
- Developed a strong understanding of compression machine operations through close observation and hands-on assistance.
- Required keen attention to detail and a rapid learning ability to grasp the technical aspects of the machinery.
- Demonstrated a consistent work ethic, a passion for learning, and a dedication to achieving results.

## VOLUNTEERING

### Local Vaccination Clinic

- Assisted in organizing lines and providing support to elderly individuals, ensuring a smooth and efficient vaccination process during the COVID-19 pandemic.

### Business Model & Presentation Lectures

- Led a workshop on entrepreneurial skills and effective communication for Hult Prize competitors.

## ACTIVITIES & INTERESTS

Languages: English, Arabic

Activities: Volunteered at the UofT Powerlifting Championship 2023, UofT Soccer Intramurals

Interests: Powerlifting, Soccer, Travel