

# Luc Suzuki

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## EDUCATION

**McMaster University** | Automation Engineering - Bachelor of Technology

**Expected Dec. 2025**

Bachelor of Technology is an engineering and business program encompassing many **engineering disciplines** with the added course load of key **business fundamentals**

- Completed 3A term with a **3.9 GPA**.

### Relevant Courses:

- Exceptional Grade - C++ Programming, Obj. Oriented Programming, PLC Programming, Advanced PLC Programming Control Theory, Mathematics III and System Specification and Design

## EXPERIENCE

**Biomedical Engineer & Junior Financial Analyst**

**May 2023 - Aug. 2023 & May 2024 - Aug. 2024**

Peony Investments VMW Ltd. | Hamilton

- Contacted 5+ contract manufacturers to lead our product to production, resulting in a strong relationship with GMP and FDA certification
- Lead communication with a **regulatory consultant** to aid in product development, including formulation review, label review and government regulations. This led to key milestones being attained and efficient timelines being met
- Analyzed Health Canada and FDA OTC regulations, which led me to assist in critical decision-making processes, effectively reducing our time to market by two years by adhering to an **FDA pathway**
- Reviewed and critiqued **financial documents** such as NDA forms and insurance term sheets, resulting in accurate and transparent information for all parties
- Assisted in buy-side deal flow and **financial projections** for life sciences companies, resulting in accurate timelines and milestones to reach
- Conducted **market analysis** on similar firms' products to provide a gauge of our lead product. This resulted in an accurate measurement of our product placement and pricing
- Reviewed and noted important documentation from 3rd party contractors, resulting in an organized relationship and clarity with the required materials
- Conducted **NPV calculations** for a TSX-held company and their operation, resulting in accurate valuations and providing feedback
- Assisted and contributed to board meetings of **public and privately held entities**, resulting in accurate note-taking
- Designated as the lead point person with a **boutique IP firm** to coordinate potential licensing agreements

### Key Accomplishments:

- Submitted draft **label and formulation for review**, allowing us to proceed with product planning and development

## PROJECTS

### FPGA Elevator System

- Designed and programmed a working elevator system with 3 floor capability in verilog.
- Mechanical Elements include pushbuttons, motor driver chips. BCD Decoder and 7-segment display.

### Arduino Parking Lot Terminal System

- Modeled a parking lot terminal with multiple payment methods and secure gate control.
- Using RFID, Ultrasonic and Push button sensors, paired with servo motors for precise control.
- Includes automatic and manual modes for operator use through HMI, and remote cloud access using MQTT protocol.

## SKILLS

**Design Softwares:** SolidWorks, Autocad, Enterprise Architect and Roboguide Simulation

**Languages:** C++, Python, HTML, CSS, PLC Programming and Excel