

# ELORIE BERNARD-LACROIX

elorie.bernardlacroix@mail.utoronto.ca · 1 (647) 235-1681 · Toronto, ON

Portfolio: [github.com/elorie-bernard-lacroix](https://github.com/elorie-bernard-lacroix) · LinkedIn: [www.linkedin.com/in/elorie-bernard-lacroix-b6646a1aa/](https://www.linkedin.com/in/elorie-bernard-lacroix-b6646a1aa/)

Website: [elorie-bernard-lacroix.github.io](https://elorie-bernard-lacroix.github.io)

---

## EDUCATION

### University of Toronto

Sep 2023 – May 2027

Bachelor of Applied Science & Engineering (B.A.Sc.) in Engineering Science + PEY

Toronto, ON

- Relevant Courses: Introduction to Computer Programming (Python), Engineering Mathematics Computation (MATLAB), Computer Algorithms Data Structures (C), Digital and Computer Systems (System Verilog, RISC-V)

---

## SKILLS

- Programming Languages: Java, Python, C, MATLAB
- Web development: HTML/CSS, Javascript
- Data Science & Machine Learning: PowerBI, Pandas, NumPy, Jupyter, Anaconda/Conda
- Collaboration tools: GitHub, Git, Microsoft Office
- Enterprise IT: Active Directory, networks (VLAN, Cisco VoIP, PuTTY), automation (PowerShell), hardware upgrades and troubleshooting (SSD RAM), Windows and Linux operating systems, POS systems

---

## PROFESSIONAL EXPERIENCE

### Treasury Board Secretariat of the Ontario Public Service

May 2023 – Aug 2023

IT Auditing Intern

Toronto, ON

- Designed presentations in Power BI for a team of over 10 people.
- Compiled over 50 extracts of research with another intern on I&IT Talent management in interactive Excel sheets with different views, including pivot tables and filtration options to assist the team in an upcoming audit.
- Used standards provided by ISO, COBIT, NIST, and GO-ITS to supplement research and guide audit recommendations. Worked in an Agile environment for an iterative cybersecurity audit.
- Recorded meeting notes with another intern for client interviews, managed documents, proof-read the audit report and performed research to assist in a 3-month audit of End-User IT asset Lifecycle Management

### Canada's Wonderland

April 2022 – Aug 2022

IT Technician

Vaughan, ON

- In collaboration with 3 other technicians, performed upgrades to Symphony 2.0 and deployed over 300 POS systems in the park, including their respective peripherals (scanners, printers, cameras) and required peripheral drivers, to ensure a fully operational cash-less park.
- Troubleshooted networking, hardware, and software issues for employees in the office.
- Configured Cisco network phones and Cisco Finesse (queues shared among phones) to allow for more effective online customer service support.

---

## COMMUNITY EXPERIENCE

### University of Toronto Robotics Association

Sept 2023 - Present

Software Member of the Humanoid Robosoccer Club

Toronto, ON

- Will be working with Ubuntu (Linux) and ROS to build and debug software that controls a humanoid robot as it works in a team of three to play soccer against another team. This year's improvement projects include building a behavioral tree for more effective decision-making and improving its computer vision.

### FIRST Robotics Canada

Sept 2019 - June 2022

Team Captain of Team 7690 (high school robotics team)

Richmond Hill, ON

- Managed over 50 people and 9 leads, to foster a psychologically safe learning environment, fundraise, and teach the skills needed to build a robot capable of shooting, defending, and collecting balls.