

# DAYNA DRANITSARIS

Toronto, ON M4G 0C1 • (647) 206-4841 • dayna.drant@gmail.com

## Professional Summary

Computer engineering undergraduate at a top Canadian university, skilled at designing, developing, and testing software and hardware systems. Eager to bring problem-solving expertise and strong interpersonal skills to a dynamic role in the technology industry, contributing to innovative solutions and collaborating with diverse, talented teams.

## Skills

- Teamwork and Collaboration
- Written and Verbal Communication
- Project Management
- Mobile Development
- C, Java, JavaScript, Python, HTML and CSS
- Machine Learning

## Education

**Bachelor of Applied Science:** Computer Engineering, Expected in 04/2027

**Queen's University** - Kingston, ON

- Recipient of Ruddell-Albert Award (\$60,000) - Academic Excellence, 2023

**Frosh Regulation Enforcement Committee (FREC)**

- Led Orientation Week activities and supported incoming engineering students in transitioning to university life as part of a collaborative student leadership team

General Member, **Queen's Racing Formula SAE Team**

- Collecting and analyzing performance data to be visualized using React Native, improving car optimization decisions

**Relevant Coursework:**

- ELEC 292: Intro to Data Science (2025)
- ELEC 278: Fundamentals of Info Structure (2024)
- ELEC 279: Object Oriented Programming (2025)
- MTHE 235: Differential Equations for Electrical and Computer Engineering (2024)

**Major Projects:**

- **Queen's Hyperloop Design Team (QHDT) Machine Vision Sensor System:** Designed and implemented an embedded system for a Hyperloop model to detect and classify custom-trained potential obstructions using YOLOv5 - Design Team Project
- **Hydroponic Garden Monitoring System:** Developed a sensor-integrated hydroponic garden for campus use, featuring real-time data monitoring (humidity, temperature, pH, camera visuals) processed via Arduino and displayed on a custom-built React Native app with a user-friendly interface - Design Team Project
- **NHL Goal Horn Machine:** Built a Raspberry Pi system leveraging live NHL updates via Rapid API, with programmed LED sequences, audio playback, and an LCD showcasing team names and scores dynamically - Personal Project

## Work History

**Owner,** 04/2015 to Current

**Leaside Pet Care** – Toronto, ON

- Managed all aspects of the business, including advertising, billing, employee supervision, and overall operations management
- Provided updates and ensured satisfaction for up to 20 clients at a time, fostering a 95% client retention rate

**Marketing and Operations Assistant,** 05/2025 to 08/2025

**Royal LePage Signature Realty** – Toronto, ON

- Helped run open houses and prepare properties for showings.
- Managed marketing materials and social media presence.
- Built a professional website using IDX, HTML, CSS, and responsive design principles.

**Cafe Assistant,** 09/2022 to 12/2023

**Rahier Patisserie** – Toronto, ON

- Provided excellent customer service in fast-paced environment, effectively communicating with diverse clientele
- Collaborated with team members to ensure smooth operations and high-quality service

## Certifications

- Health and Safety Awareness, Queen's University - February 2024
- Workplace Hazardous Materials Information System (WHMIS) 2015, Queen's University - February 2024

GitHub: <https://github.com/daynadrant>