

# Chris Walker

## Engineering Intern/Co-op Student

I am a goal-oriented student with practical engineering experience. I am adept at applying problem-solving skills and working independently and in teams to design and create projects

### Technical Skills

- Arduino Experience
- Solidworks and Autocad Experience
- Programming Experience
- TroubleShooting Experience
- Experience with Git, Bash, PHP, C++, C, Java, Javascript, Python, Html, CSS, SQL
- PCB Design Experience with Kicad
- Soldering and Machining Experience

### Education

2022- Present  
**Bachelor of Engineering:**  
**Engineering Systems and Computing**

University of Guelph  
 -50 Stone Rd E, Guelph, ON N1G 2W1

2017-2022  
**High School Education**  
 Grade 12 French Immersion,  
 Honors and Silver Medalist

Glebe Collegiate Institute  
 -212 Glebe Ave, Ottawa, ON K1S 2C9

### Non-Technical Skills

- Fluent in English and French
- Problem solver
- Pays attention to detail
- Independently driven
- Adaptable
- Cooperative

### Experience

#### Sep 2022 - **FSAE Design Team - Low Voltage Engineer**

**Present**

#### **Gryphon Racing Formula SAE - Guelph**

- PCB design for safety systems on an electric student race car
- Worked through the full development of the circuit board which, included creating schematics, tracing, part selection, ordering, soldering, testing and revisions
- The most complex board I designed was a board with an STM32 Nucleo that would handle analog and digital signals from various sensors and would shut down the car if there was a problem with the sensor outputs
- Communicated with others in the electrical section to explain what I was doing and what we should include on each board

Jul 2021 -

#### **PHP FullStack WebDeveloper**

Aug 2021

#### **Digitera Inc. - Ottawa**

- Finding technical and aesthetic website problems, then efficiently and effectively correcting the problems
- Initiating new features to add to the website such as a page to view user activity and usage.
- Implementing design strategies that will allow users to easily navigate through the website

Apr 2022 -

#### **Meat Clerk**

Sep 2022

#### **Real Canadian Superstore - Ottawa**

- Providing customer service by offering directions, opinions on meat cuts, and counter service
- Working in a fast paced environment
- Completed tasks efficiently and at a high standard through effective communication with my co-workers

Jun 2020 -

#### **Wading Pool Supervisor**

Aug 2022

#### **City Of Ottawa - Ottawa**

- Working with different teams while developing teamwork skills
- Paid attention to the children, the pool, and the surrounding park for any problems
- Solving pool-related problems such as injuries and patrons' problem