

October 11, 2024

Celestica Inc., Process Automation Delivery Team
Toronto, Ontario

Dear Hiring Manager:

I am writing to express my strong interest in the *Robotic Process Automation Developer* Co-op at Celestica. I am a software engineering student at the University of Victoria in British Columbia. I am eager to learn and grow in the field of computer and software engineering, and I believe that this role will help me gain valuable work experience related to my interests and help me acquire a practical understanding in a real-world setting.

Throughout my academic endeavours, I have had the chance to explore and learn about many important concepts in software engineering, such as object-oriented programming, software architecture design, agile methodologies and software testing. My academic and project experiences align well with the requirements of this position:

- **Test Automation Frameworks:** I have implemented automated testing frameworks using Selenium, JUnit, and Postman. I have experience in creating end-to-end test scripts for web applications to ensure their functionality and reliability.
- **Unit Testing and Code Coverage:** I have developed unit tests using JUnit, Mocha, and pytest to ensure code correctness. Throughout my test scripts, I have achieved high code coverage and have experienced maintaining a test-driven development (TDD) workflow.
- **Embedded Systems Design:** I have developed software for various embedded systems, focusing on integrating mechanical and electrical components to perform tasks using user inputs and sensor data.
- **Sensor Integration and Data Acquisition:** I have experience integrating a variety of sensors, such as pressure and distance sensors, into some of my projects, which helped process real-time data for robotics applications.
- **C/C++ Programming:** I have experience working with embedded systems primarily in C, especially in low-level memory management and hardware interfacing. I also have experience developing real-time systems using STM32 microcontrollers, where I've worked managing timers as well as GPIO configurations.

I am currently available for a **16-month** work term and would be open to the possibility of participating in more than three consecutive terms. Thank you for considering my application. I look forward to the possibility of speaking with you further about this role.

Most Sincerely,

