

Dominic Muthukumaraswamy

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EXPERIENCE

Staples Canada

Richmond Hill, Ontario

IT Intern

September 2023 – December 2024

- Built API integrated React product pages and components to modernize the Copy and Print site
- Contributed to the backend system's development in C#, handling server logic and page routing.
- Executed SQL database entries and implemented dynamic scripts in the backend, integrating 18+ products.
- Utilized Postman to efficiently resolve 100+ ServiceNow tickets and address issues related to dropped orders.

University of Waterloo – IST

Waterloo, Ontario

WCMS QA Developer

January 2023 – May 2023

- Created and tested 40+ docker containers and sites, to perform both manual and automated testing on the WCMS framework
- Found release breaking bugs in new functionalities added in versions 3.2.4 and 3.2.5
- Worked on modules to make tests 30% faster, using an SQL dump to initialize the environment

Staples Canada

Richmond Hill, Ontario

IT Intern

May 2022 – August 2022

- Designed layouts for React components using HTML and CSS, for new enterprise-grade framework using Storybook
- Presented workflow for new Storybook Project to Business team
- Wrote automated test cases indicating bugs and breaks in additions to the new Staples Shopify site
- Communicated with Development, Business, and QA teams to ensure new coupon and shipping functionalities met requirements
- Caught several release preventing bugs from both new and old deployments

PROJECTS

Personal Site

<https://dominicmuth03.github.io>

- Documents building terrariums, personal portfolio and other information made using React

Biquadris

<https://github.com/dominicmuth03/biquadris>

- Turn based, versus style tetris, made using C++, and graphics using Xeyes

TECHNICAL SKILLS

- | | | | | |
|-------------------------|-----------------------|-------------|----------------------|--------------------|
| • JavaScript | • Java | • Bash | • Python | • C/C++/C# |
| • HTML, CSS, React, SQL | • PHP, Docker, Drupal | • Storybook | • Selenium, Cucumber | • Microsoft Office |
| | | | | • Postman |

RELEVANT COURSEWORK AND CERTIFICATES

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|---|---|
| • CS 246 - Object Oriented Software Development | • CS 136 - Elementary Algorithm Design and Data Abstraction |
| • CS 230 – Introduction to Computers and Computer Systems | • CS 245 – Logic and Computation |
| • CO 330 – Coding Theory | • Google Data Analytics |

EDUCATION

University of Waterloo

Waterloo, Ontario

Computational Mathematics, Bachelor of Mathematics

September 2021 - April 2026