

# Technical Systems Analyst, Fall 2020

## Student Opportunities

Toronto, Ontario, Canada

Address: Various, Toronto, Ontario, Canada

Employment Type: Student or New Grad - Campus Recruitment Only

Career Level: Student Job

Application Deadline: 07/12/2020

Posted Date: 05/12/2020

### **What is the opportunity?**

Are you interested in the opportunity to work as a Technical Systems Analyst Co-op Student? By applying to this job posting, you will be considered for multiple roles available across RBC Technology & Operations!

### **What will you do?**

- Create and review technical design documents related to small projects and understanding how the design will be used in the code development process
- Coordinate design phases for small projects, identifying, tracking and resolving technical issues
- Participate in walkthrough reviews of technical specifications, programs and unit test plans
- Provide estimates on activities/tasks required to perform design, coding and unit testing, improving accuracy over time
- Performance tuning to improve performance of single function
- Low level planning of work packages meeting project objectives within budget and on time
- Provide third-level support of applications, database etc.
- Facilitate small group meetings for technical design, problem solving and task implementation

### **What do you need to succeed?**

#### **Must-have**

- Currently enrolled at a Canadian post-secondary institution in a registered Co-op program with a focus on computer science, engineering, or technology
- Leadership acumen and a passion to apply it in a dynamic business environment
- Excellent interpersonal and highly developed communication skills (verbal and written)

- Creative and analytical thinker who is self-driven and capable of working in a fast paced environment
- Strong MS Office skills – Word, Outlook, Excel and PowerPoint
- Experience or understanding of programming languages, databases, platforms, and/or code management tooling

#### **Nice-to-have**

- Experience or understanding of web technologies, frameworks, middleware technologies, and/or design techniques and tools
- Experience with testing methodology or frameworks, as well as Cross Browser development
- Ability to hand-code all components
- Knowledge of domains, IP infrastructure, server operating systems, and domain registration standards, as well as an understanding of IT Standards, Methodologies, CMM, and audit requirements

#### **What's in it for you?**

We thrive on the challenge to be our best, progressive thinking to keep growing, and working together to deliver trusted advice to help our clients thrive and communities prosper. We care about each other, reaching our potential, making a difference to our communities, and achieving success that is mutual.

- Network and build lasting relationships with students from diverse backgrounds from across Canada
- Participate in fun events and gamification challenges to help build your career tool kit while enjoying a work-life balance
- Leaders who support your development through coaching and learning opportunities
- Work in a dynamic, collaborative, progressive and highly performing team
- Ability to make a difference and lasting impact
- Enjoy a comfortable work environment with the option to dress casually

#### **About RBC**

**Royal Bank of Canada is Canada's largest bank, and one of the largest banks in the world, based on market capitalization. We are one of North America's leading diversified financial services companies, and provide personal and commercial banking, wealth management, insurance, investor services and capital markets products and services on a global basis. We employ approximately 78,000 full- and part-time employees who serve more than 16 million personal, business, public sector and institutional clients through offices in Canada, the U.S. and 39 other countries. For more information, please visit [rbc.com](http://rbc.com).**

# Sarah MacDonald

34 Lillian Drive, Dartmouth, NS B2W 4B4

Phone: (902) 222-8330 | Email: [x2019apk@stfx.ca](mailto:x2019apk@stfx.ca)

June 1<sup>st</sup>, 2020

Royal Bank of Canada  
Toronto, Ontario

Re: Technical Systems Analyst, Student Opportunity

Dear Hiring Manager,

My name is Sarah MacDonald and I am going into my second year studying computer science at St. Francis Xavier University. A co-op position with the Royal Bank of Canada would be an amazing experience, especially the Technical Systems Analyst position I was informed of through the StFX co-op job board.

After completing my first year in a Bachelor of Science I have had practice in lab settings, specifically computer science, calculus, and physics. These labs have helped me develop my critical thinking, troubleshooting, and optimization skills as they often involve measuring and analyzing, as well as implementing tools learned to complete tasks independently. I have had the opportunity to develop designs, improve upon them, and solve issues on my own, as well as collaborating with others to share ideas and methods. Computer Science 161 & 162 covered the basic algorithms and practices used in coding, from functions and classes to search trees and collections. We practiced these techniques in Python 3 and C++, and I have previously worked with Java. In 2019, I competed in the first Code Quest in Nova Scotia for which I trained weekly on solving simple to complex problems one after the other. This experience has expanded my brainstorming and cooperation as we were a team working to complete tasks quickly and collaboratively.

Throughout high school I held executive roles in student council, acting as Treasurer, Secretary, and External Vice President. These experiences in leading, planning, and organizing teams of individuals demonstrated my autonomy and ability to assemble others to achieve a goal, as well as give and receive input on how to ensure efficiency and quality. Music has also been instrumental in my accuracy and presentation; I have been playing the trombone since sixth grade, and piano for several years. Practicing and perfecting songs has taught me many important skills that I use daily such as patience, perseverance, memory, and creativity.

I am interested in working with the Royal Bank of Canada because I am looking forward to applying the tools I have acquired to serve a purpose, and gaining experience in my desired field. While practicing coding the programs written do not apply well to realistic situations and whether they do or not, they get discarded when completed. Analyzing, designing, and improving programs that would be applied by RBC will be an amazing opportunity to expand my knowledge of technology's place in a professional setting, and I believe in the work RBC is doing.

I am looking forward to hearing from you about this opportunity; you can reach me anytime on my cellphone (902) 222-8330 or e-mail me at [x2019apk@stfx.ca](mailto:x2019apk@stfx.ca).

Respectfully,  
Sarah MacDonald

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## Objective

To obtain the position of Technical Systems Analyst with Royal Bank of Canada.

## Skills

- Proficient in Microsoft Office.
- Certified DELF B2, fluent in French and English.
- Experienced in Java, C++, and Python 3.
- Strong leadership capabilities, giving and receiving input.
- Excellent data interpretation and theorizing.

## Education

Bachelor of Science, Majoring in Computer Science

St. Francis Xavier University | September 2019-Present

High School Diploma

Dartmouth High | September 2015-June 2019

## Professional Experience

Retail Associate

Big Eric's Inc | October 2018-Present

- Work the front desk completing transactions, helping customers over the phone and in-store, and invoicing.

Cashier

JYSK | April 2017-2018

- Completed transactions and counting till at the end of a shift. Also moved stock onto the floor, cleaned the store and assisted customers.

## Community Involvement

Student Council

Dartmouth High School | September 2015-June 2019

Held positions in the finance committee as well as secretary, treasurer, and external vice president.

Leading Readers

Halifax Public Libraries | October 2016 - May 2017

Helped children between the ages of 6 and 10 with reading and communication skills.

50/50 Ticket Distributor

Halifax Jazz Festival | Summer 2016

- Walked around the festival grounds, proactively selling patrons 50/50 tickets.