

# SANAA SYED

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## EDUCATION

### Bachelor of Computer Science - Carleton University

Expected graduation 04/2023. Ottawa, ON.

Minor in **Business**. Dev Degree Program (acceptance rate of 3% in 2019)

CGPA 12.0/12.0 (A+). **Dean's List** (since 2019). **Chancellor's Scholarship**.

## WORK EXPERIENCE

### Production Engineering Intern - Shopify (Streaming Services team)

Since 01/2022. 8 months. Remote.

- Reduced the resource usage for the heap, number of threads and CPU usage **by 80%** for event processing and Change Data Capture.
- Building, maintaining and scaling infrastructure for real-time data streaming using **Apache Kafka, Kubernetes, Docker, Google Cloud Platform, Datadog** metrics, **Java** and **Golang**.

### Mobile Developer Intern - Shopify (Shop App team)

05/2021 - 12/2021. 8 months. Remote.

- Remodelled and developed the merchant store screen on the Shop App to increase traffic to **1.6M users monthly** using **React Native, Typescript**, and **GraphQL**.
- Collaborated with product managers, data scientists and backend developers to define technical objectives and shared feature ideas with senior designers for the merchant store screen.

### Backend Developer Intern - Shopify (Orders and Fulfillments team)

05/2020 - 04/2021. 12 months. Remote.

- Built a feature in the Shopify admin to create subscription-based products using **Ruby on Rails, SQL, Polaris** and **GraphQL** models and is now used **by 1M+ stores**.
- Developed and designed an internal application that mocks the fulfillment process of an order including edge cases such as cancellations and scheduled orders to help **over 200 employees**.

### Innovation Developer - Royal Bank of Canada

06/2019 - 08/2019. 2 months. Remote.

- Developed and upgraded the User Interface of a proprietary Human Resources system, currently used by **1700+ employees**, using **AngularJS** and **HTML/CSS**.
- Presented technical solutions in weekly demos and pitched a feature prototype for the system which received a **Recognition of Excellence award**.

### Incoming Data Science Intern - Shopify (Finance Data team)

On 09/2022. 4 months. Remote.

## ASK ME ABOUT

### Coach/Speaker - STEMing UP

Ongoing since 04/2018.

Grew from being a participant in the program to spearheading the coding curriculum while coaching girls aged 14-17 in building technical solutions for businesses using **Javascript, Python** and **HTML/CSS** and help develop their business skills (product pitched & marketing strategies during in-person and remote environments).

### Vice President - Carleton Google Developer Student Club

08/2021 - 07/2022.

Established a community of students interested in Google technologies by hosting events including spearheading a conference, bringing over **200 students across Canada**.

### Full Stack Mobile Developer - Menon Fellowship/CommonLit

11/2021 - 02/2022.

Developed a Mobile App for **CommonLit** which helped **300,000+ students** in Latin America with weak internet access educational materials.

### Tech Member - CUTC

11/2020 - 07/2021.

Created the Canadian Undergraduate Tech Conference 2021 [website](#) using **Vue, Javascript** and **CSS** which was viewed by **2000+ people globally**.

### Teaching Assistant - Carleton University

15/2021 - 06/2021.

Provided assistance to students in learning and understanding discrete mathematics I and introduction to databases.

## SKILLS

javascript	java	golang	python
react native	react	ruby on rails	
typescript	SQL	graphql	c++/c

## TOOLS

kubernetes	kafka
git	splunk
docker	
datadog	google cloud

## CERTIFICATIONS

Google Cloud Digital Leader
Microsoft Azure Fundamentals