

# SANAA SYED

[Linkedin](#) | [Github](#) | [Website](#) | 613-981-5410 | sanaasyed.t@gmail.com

## EDUCATION

### Bachelor of Computer Science - Carleton University

Expected graduation 12/2022. Ottawa, ON.

Minor in **Business**.

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

**Relevant Coursework:** Data structures & algorithms; Object-Oriented Software Engineering; Artificial Intelligence

## WORK EXPERIENCE

### Production Engineer - Shopify (Streaming Services team)

Since 01/2022. Internship. 8 months. Remote.

- Reduced the resource usage by 80% for the heap, number of threads and CPU usage.
- Working on scaling infrastructure for client-facing teams using Kubernetes, Datadog, Java and Go.

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

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

- Implemented features on the Store Screens on the Shop App that is currently used by 250,000+ people daily, using React Native, Typescript and GraphQL.
- Prototyped, built, tested and monitored features on iOS and Android.
- Worked with product managers, data scientists, backend developers to define technical requirements and objectives of a project.

### Backend Developer - Shopify (Fulfillments team)

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

- Modelled database objects to store fulfillments and orders in SQL.
- Implemented features in internal applications using GraphQL models and queries to mock the fulfillment process of an order and front-end/back-end components using Ruby and Rails.
- Provided input to technical design documents as well as during sprint planning meetings and reviewed pull requests, pushing more quality code to production.

### Dev Degree Intern - Shopify (Training and Development Program)

Ongoing since 09/2019. Internship. Ottawa, ON.

- Four-year work-integrated learning program that admits only 25 students worldwide. (3% of applicants - 2019)
- Was trained for 8 months focusing on developer soft and hard skills such as Ruby, Rails, JavaScript, React, Databases, navigating a large code base and more.

### Innovation Developer - Royal Bank of Canada

07/2019 - 08/2019. Internship. 2 months. Toronto.

- Designed and improved the User Interface of a proprietary Human Resources system (used by 1700+ RBC employees) using AngularJS and HTML/CSS.
- Presented solutions in weekly demos and pitched a feature prototype (received the Recognition of Excellence on Demo Day award).
- Applied Agile Project Management Methodologies and managed tasks using Jira.

## ASK ME ABOUT

### Vice President - Carleton Google Developer Student Club

Ongoing since 08/2021.

Creating a community of students interested in Google Developer technologies by hosting events and a podcast to foster learning.

### Backend/Full-stack Mobile Developer - Menon Fellowship

11/2021 - 02/2022.

Developed a Mobile App for CommonLit to help 300,000+ students in Latin america with weak internet to access educational materials.

### Technology Member - CUTC

11/2020 - 07/2021.

Created the Canadian Undergrad Tech Conference (CUTC) 2021 website using Vue and Javascript.

### Teaching Assistant - Carleton University

05/2021 - 06/2021.

Utilized a variety of teaching methods to aid students in learning and understanding discrete mathematics 1 along with hosting tutorials.

### Mentor - Technovation

01/2020 - 04/2021. Toronto, ON.

Mentored 200+ young women ranging from ages 13 to 17 with developing their coding skills to create a functional mobile application and their business skills (product pitches & marketing strategies).

### Volunteer/Mentor - STEMing UP

Ongoing since 04/2018. Toronto, ON.

Grew from being a participant in the program to spearheading the coding curriculum for a group of 30+ girls in both Python and Javascript during in person and remote environments.

## SKILLS & TOOLS

kubernetes		java	
ruby	react	react native	
python	javascript	git	
rails	graphql	typescript	
c++	c	html/css	