

Selvi Arora

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EXPERIENCE

- Software Engineering Intern** | Shopify May 2023 - Present
- Automated seamless sign up process to Shopify Plus for **10K** brands via enabling upgrades for trial expired shops
 - Developed back-end and front-end for home widgets for Shopify Plus merchants using **React**, **Typescript**, **Rails**
 - Rolled out to **17K** Plus brands and contributed to **150+** new upgrades
- Software Engineering Intern** | Shopify May 2022 - April 2023
- Built a **GraphQL** endpoint that decreased request time by **55%** and enhanced overall system performance
 - Developed a model to eliminate address parsing issues for **4000+** merchants
 - Implemented a **KateSQL** Elasticsearch query to decrease system response time
- Teaching Assistant** | York University Jan 2022 - May 2022
- Graded weekly labs and assignments; providing individualized feedback for each student
 - Developed weekly interactive lesson plans, white-boarding exercises and coding challenges for **300+** students
 - Held frequent office hours prior to assessments as additional 1:1 student support
- Developer Intern** | Blockzero Labs Jan 2021 - Nov 2021
- Developed end-to-end features for various blockchain projects, handling both front-end and back-end tasks
 - Built NFT art via **p5.js** to create digital artwork that was tokenized and sold on marketplaces
- Founding Engineer** | Compass Sept 2021 - Dec 2021
- Developed the core architecture of a gamified mental wellness app with blockchain-centered reward system using **Swift**, **Cloudkit**, **Node.js**
 - Designed user interface and prototypes for beta users via **Figma**

PROJECTS

- COBWEB** | *Java, Node.js, Docker* Sept 2021
- Applied **Java** to implement energy binding/mobility features to COBWEB; an agent-based simulation model used to simulate ecological/psychological/genetic research.
 - Used by **1000+** students worldwide.

INITIATIVES

- Tech Under Twenty** June 2021 – Dec 2021
- Led a team of **5** to provide **600+** youth across the GTA with opportunities in tech and entrepreneurship
 - Acquired partnerships with **Microsoft**, **RBC** and three **Fortune 500** companies
 - Curated resources for **30+** executive members and automated administrative tasks across platforms

EDUCATION

- Honours Bachelor of Science in Computer Science** | York University Expected May 2025
- Dev Degree Program: Interning at Shopify as a developer while completing an undergraduate degree on a merit-based full-tuition scholarship with a competitive salary of **\$165,000+** and a **0.8%** admit rate

AWARDS AND ACHIEVEMENTS

- \$6,000 Recurring Entrance Scholarship, York University** 2021
- 2nd overall, Canadian National Math League Contest** 2021
- 10th worldwide, University of Waterloo Sir Isaac Newton's Physics Exam** 2021
- 2nd among 100+, University of Waterloo Euclid Mathematical Contest** 2021

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Ruby on Rails, GraphQL
Frameworks: React, Node.js, Flask, Kafka, MongoDB JUnit, WordPress, Bootstrap, FastAPI
Developer Tools: Git, Docker, BuildKite, Google Cloud Platform, VS Code, Postman