

Sarah Chung

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🌐 Website

🐙 Github

in LinkedIn

Education

University of Toronto St. George

Honours Bachelor of Science - Computer Science Specialist

Dean's List Scholar

2019 - 2025

CGPA 3.81 (4.0 scale)

Technical Skills

Programming: Python, TypeScript, JavaScript, HTML, CSS, SQL, Kotlin, C, C++

Libraries/Frameworks: React, Tailwind, Next.js, PySpark, Jetpack Compose, Express, Flask, jQuery

Tools: Git, VSCode, AWS (EMR, Airflow, Athena, Redshift), Figma, Notion, Squarespace, WordPress, Webflow, Heroku, MongoDB

Professional Experience

Full-stack Engineering Intern | Mozilla - Toronto, ON

May 2024 - Present

- Increasing the velocity of the Onboarding, Messaging, and Communications team on Firefox Desktop by shipping various end-to-end features and usability fixes with React Typescript for the team's internal Next.js web application that is being built to help manage, streamline, and support the Firefox Messaging System. The GitHub repository is available [here](#).
- Developed and landed various experiments to perform A/B testing on different user experiences involving recommended add-ons and mobile to desktop syncing in order to improve retention, increase daily active users, and drive mobile sync.

Associate Data Engineer | Wattpad - Toronto, ON

May 2022 - Aug 2023

- Built, migrated, and maintained various data pipelines that contain PySpark based data jobs which are orchestrated by Airflow and Luigi
- Mentored new co-op students on the team by preparing pairing sessions to teach the process of migrating data pipelines, helping debugging issues that arise, and updating onboarding processes and documents
- Created clear and detailed technical documentation on data pipelines and backend tools to help clients fully understand the data, dependencies, and processes behind creating, producing, and consuming real-time events

Full-stack Developer Co-op | Techintern - Toronto, ON

May 2021 - Aug 2021

- Learned necessary web programming languages and libraries during a short onboarding period to create custom hooks, endpoints, state machines, and new full stack features like job application opt-in pages, on-platform messaging, and user sign-up workflows
- Implemented migrations and data models to the database to update new data and features like portfolio links, student profile information, and company users that were integrated into the website

Volunteer Activity

Webmaster & Tournaments Executive | UofT Badminton Club - Toronto, ON

May 2021 - May 2024

- Maintaining the club's website on Squarespace by creating new components or updating existing pages to communicate new events to our club members
- Organizing and running 3-4 successful tournaments per school year to promote accessible and competitive badminton for university students
- Planning and executing new events to be made accessible online for university students to promote a cohesive team environment despite social distancing
- Collaborating with the Tournament, Marketing, Intramurals, and Executive departments to put together 10+ social events and tournaments in the school year and hosting the largest online event of the club with over 100 signups