# Sarah Chung

✉ sarahc0304@gmail.com │ 🖥 Website │ ⬡ Github │ in LinkedIn

## Education

**University of Toronto St. George**                                      2019 - Present
*Honours Bachelor of Science - Computer Science Specialist*     CGPA 3.81 (4.0 scale)
*Dean's List Scholar*

## 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 velocity by shipping various usability fixes and new end-to-end features to the Onboarding, Messaging, and Communications team's internal tool that is built to help manage, streamline, and support the Firefox Messaging System. See here for the GitHub repository.
- Developed an experiment to perform A/B testing for a messaging surface that will notify existing users with a call to action linking to recommended add-ons on Firefox to improve retention and increase daily active users.

**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