Sarah Chung

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Education

University of Toronto St. George   2019 - Present
Honours Bachelor of Science - Computer Science Specialist   CGPA 3.84 (4.0 scale)
- Dean's List Scholar, Valerie Brooke Scholarship, John Paul Evans Scholarship

Technical Skills

Programming: Python, TypeScript, JavaScript, HTML, CSS, SQL, Kotlin, C, C++
Libraries/Frameworks: PySpark, React, Tailwind, Jetpack Compose, Express, Flask, jQuery
Tools: Git, VSCode, AWS (EMR, Airflow, Athena, Redshift), Figma, Notion, Squarespace, WordPress, Webflow, Heroku, MongoDB

Professional Experience

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
- Learned Kotlin and Jetpack Compose to design and build an android application from start to finish, including creating technical documents, discussing design decisions, and implementing various end-to-end features

Web Developer │ *The Hatchery - Toronto, ON*   Oct 2021 - Apr 2022
- Independently designed web pages and components on Figma and revised the entire website for a healthcare start-up on WordPress to improve the user experience for new and existing clients

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
- Adapted to agile development and deployed end-to-end web application features by managing a sprint focused schedule

Volunteer Activity

Webmaster & Tournaments Executive │ *UofT Badminton Club - Toronto, ON*   May 2022 - Present
- Maintaining the club's website on Squarespace by creating new components or updating existing pages
- 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