

# SOPHIA KIM

 [jysophiakim@gmail.com](mailto:jysophiakim@gmail.com)

 647-970-6579

 [jysophia.github.io/portfolio/](https://jysophia.github.io/portfolio/)

## Professional Experience

### Full Stack Developer Co-op Student @ CGI

Vancouver, BC // Sept 2022 - present (8 months)

- Write Ansible playbooks for configuration management on Unix environment
- Review and refactor code in Java and write unit tests in JUnit/Mockito/Maven
- Run smoke tests and resolve all test failures on Test Harness
- Analyze defects and apply SQL queries for a web application and relational databases

## Technical Projects

### Chrome Extension for Seeking Refuge in Canada (2nd Place) [hyperlinked]

cmd-f hackathon 2022 // March 5-6, 2022

- Awarded: Silver Prize (2nd place), 2nd Place TELUS: Leverage technology to support social sustainability and community building sponsorship
- Created *Seek Refuge*, a chrome extension of resources for refugee seekers
- Applied Firebase and React, connecting the database to backend functions

### Speech-to-Text App for Hearing Aid Failures (Top 5 Finalist) [hyperlinked]

StormHacks 2022 // February 18-20, 2022

- Awarded: Top 5 Finalist, Most Creative Use of Twilio
- Created *Hearo*, a speech-to-text app to assist communication
- Applied Node.js, AssemblyAI API, Twilio API, and Javascript to implement the speech-to-text feature into the app

### AI Chat Bot [hyperlinked]

nwHacks 2022 // Jan 15-16, 2022

- Created *Dog or Dawg Therapy*, an online chat bot that serves to meet emotional and entertainment needs during social isolation
- Applied Javascript and MaterialUI to stylize GUI

### Water Tracker [hyperlinked]

UBC CPSC210 // Jan 15 - April 13, 2022

- Created an app built with Java to track a user's daily water consumption
- Used UML diagram to create OOP class design, tested with JUnit, applied JSON for data persistence, and designed GUI with Java Swing

## Other Professional Experience

### Research and Health Coordinator @ *Canada's National Ballet School*

Toronto, ON // Nov 2018 - July 2021

- Implemented a digital arts-based health program across Ontario, completing the pilot with a 79% retention rate
- Exceeded target research participants by 172%
- Contributed to 3 publications, 2 of which are currently in progress
- Spearheaded a data collection strategy to track student injuries

## Skills

### Programming Languages

Java, C++, SQL, R, Javascript, HTML/CSS

### Frameworks / Tools

VirtualBox, Vagrant, Ansible, Unix, Spring, Maven, React, Node.js, MaterialUI

### Platforms / Editors

IntelliJ, VSC, Git, Firebase, SVN

## Education

### Bachelor of Computer Science (3rd Year)

University of British Columbia  
2021-present

### Master of Public Health

Western University  
2017-2018

### Bachelor of Arts, Honours with Distinction Health Studies Specialist Sociology Major

University of Toronto  
2013-2017