SOPHIA KIM

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PROFILE

Proactive and highly self-motivated Software Developer with expertise in TypeScript, React, and PostgreSQL. Passionate about leveraging AI and ML technologies to solve real-world problems.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, Python, Kotlin
Databases: PostgreSQL, Google Firebase
Web Development: React, Node.js, Vite

CI/CD: Ansible, GitHub Actions
Testing: JUnit, Mockito, Mocha, Chai
Cloud: GCP

PROFESSIONAL EXPERIENCE

Full Stack Developer Co-op   Sept 2022 – May 2023
CGI   *Vancouver, BC*
- Automated deployments using Ansible scripts, cutting manual setup time for development team
- Led the code review of a legacy web application, fast-tracking an upgrade to an internal framework. Leveraged SQL, Java, JUnit, and Mockito to investigate, develop, and test functionalities
- Troubleshooted and resolved defects from running test harness for Spring Boot applications
- Developed, maintained, and managed relevant release policies on a weekly basis

Research and Health Coordinator   July 2020 – July 2021
Canada's National Ballet School   *Toronto, ON*
- Oversaw all activities under the Research and Health Department, processing over 50 medical requests weekly using Virtru and Jane, and analyzing data to inform injury prevention strategies

Seniors Programs and Evaluation Coordinator   Nov 2018 – July 2020
Canada's National Ballet School   *Toronto, ON*
- Spearheaded the Sharing Dance Older Adults program across Ontario, finishing the pilot with a 79% retention rate and exceeding target research participants by 172%

PROJECTS

Navis – Scholarship Extension and Web Application   Dec 2024 – Feb 2025
Personal Project
- Created an extension and web application that leverages AI to scan and collect scholarship information, using PostgreSQL, Express, React, Node.js (PERN) tech stack with TypeScript and Vite, leveraging REST API endpoints, Cohere Command R, and HTML/CSS

PockExpense – Receipt Reader Android Mobile App   May – Nov 2024
Personal Project
- Created a mobile app that reads and compiles physical receipts, using Kotlin, XML, and Android API frameworks, leveraging Google ML Kit Text Recognition API, and JUnit, Robolectric, and Mockito, and GitHub Actions CI/CD pipeline

EDUCATION

Bachelor of Computer Science (BCS)   Vancouver, BC
University of British Columbia   *Sept 2021 – May 2024*

Master of Public Health (MPH)   London, ON
Western University   *Sept 2017 – Aug 2018*

Bachelor of Arts – Health Studies Specialist, Sociology Major   Toronto, ON
University of Toronto   *Sept 2013 – May 2017*