SOPHIA KIM

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Professional Experience

Full Stack Developer Co-op Student *@ CGI*

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

- Write Ansible scripts and playbooks, testing implementation on Vagrant/VirtualBox
- Update tickets and documentations for the team
- Apply SVN for version control
- Projected to conduct software testing using Test Harness with Spring/Java/Maven

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

Technical Experience

Chrome Extension for Seeking Refuge in Canada (2nd Place)

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
- Devpost: https://devpost.com/software/seek-refuge?ref_content=my-projects-tab&ref_feature=my_projects

Speech-to-Text App for Hearing Aid Failures (Top 5 Finalist)

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
- Devpost: https://devpost.com/software/hearo-y3in8h?ref_content=my-projects-tab&ref_feature=my_projects

AI Chat Bot

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 for GUI and OpenAI API for chat feature
- Github: https://github.com/JakeMoh/DogOrDawgTherapy.git
- Presentation: https://www.youtube.com/watch?v=ofQEK4lW0JA

Skills

Programming Languages

Java, C++, SQL, Python, R, Ruby, Javascript, HTML

Frameworks / Tools

VirtualBox, Vagrant, Ansible, Unix, Spring, 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

Projects

Water Tracker

An app built with Java to track a user's daily water consumption. Used UML diagram to create an OOP Class design, tested with JUnit, and JSON for data persistence. Designed the GUI using Java Swing.