Hanen Ngai

3A Computer Engineering | h3ngai@uwaterloo.ca | 647 854 4954

github.com/hanenngai | hanenngai.github.io/website/ | linkedin.com/hanenngai

Skills

· Languages: JavaScript, Python, HTML, CSS, C/C++, Java
· Technologies: React, Django
· Tools: Git, JIRA, Unix

Experience

FULL STACK DEVELOPER | EMPIRE LIFE   SEPTEMBER – DECEMBER 2021
· Reduced customer service calls by developing an online form for customers to change their address
· Improved site navigability by creating a side menu with links to popular web pages with over 1000 clicks a month tracked by Google Analytics
· Maintained the dashboard to comply with AODA principles and maintained the Chatbot with Dialogflow
· Developed the front-end with React and back-end with Django
· Utilized the JIRA board for agile project management

CAMP COUNSELLOR | CITY OF MARKHAM   JUNE – AUGUST 2019
· Wrote detailed formal reports involving incidents, site checks, and injuries for permanent record
· Developed problem solving skills under high pressure situations through resolving time sensitive conflicts under the public's eye
· Communicated with parents and children directly for customer satisfaction

Key Projects

PASTER PROGRAM
· Created a program in C to download strips of PNGs from a server and concatenate to a single PNG.
· Utilized the cURL library to connect and receive data from a server.
· Multithread implementation: User can input the number of threads used for execution.

ANDROID SOUNDBOARD APP
· Developed a soundboard app on Android with Android Studio using Java.
· Self-motivated project from own curiosity and interest

SOLITAIRE
· Programmed the card game Solitaire by using object-oriented programming written in Java.

Education

UNIVERSITY OF WATERLOO   2019 - PRESENT
· Candidate for Bachelor of Applied Sciences, 3A Computer Engineering