Inaya Rajwani

email. inaya.rajwani@gmail.com
portfolio. inayajwani.github.io
linkedin. Inaya Rajwani
github. inayarajwani

Summary of Qualifications

- Technically proficient in JavaScript, Python, Scratch, HTML, CSS and Java with 3 years of programming experience.
- Excellent written and verbal communication, problem-solving, organizational, and multitasking skills developed through my experience in leadership and teaching positions
- Goal-oriented team player with a strong sense of responsibility demonstrated through frequent collaboration with fellow peers and staff
- Self-starter that is eager to learn and excited to collaborate with others in different working environments

Experience

Tutor | Coder Crew   2021-Present

- Lead classes of 10 students in the development of coding skills on the Scratch computing platform
- Introduced students to the fundamentals of integrating hardware with software through the Micro:bit program and demonstration of circuit construction
- Taught methods and examples to demonstrate application and creation of programs; improved students' logic efficiency and understanding of key programming concepts

Tutor | Kumon Mississauga   2019-2020

- Graded students' homework and assignments; reported student development and progress to parents, and Kumon supervisors
- Formulated catered lesson plans and conducted 1:1 learning sessions with students ranging from kindergarten to grade 9 in the subject areas of English and Math; improved their understanding of challenging concepts.

Assistant Swim Instructor | YMCA   2018-2020

- Proactively assisted with managing and teaching a small group of students by leading them through creative skill-building activities to increase participant engagement while adhering to program requirements
- Took initiative to respond immediately and appropriately to situations of concern to ensure a safe environment.

Projects

Portfolio

- Designed and developed a responsive website showcasing my work prioritizing user experience by creating engaging and responsive design features
- **Technologies**: HTML, CSS

Ignition Hacks | LearnToRead

- Developed a program from concept to completion that leverages Google Vision API to convert schoolwork and reading materials from text to speech, to provide support for visually impaired students
- **Technologies**: Python, Google Vision API, Tesseract Text-to-Speech, HTML, CSS

Interactive Shopping List

- Built an interactive shopping list that enables users to edit, organize and sort their grocery items with the use of functions, arithmetic operators, and input and conditional statements
- **Technologies**: Python

Flight Manifest

- Developed a complex program implementing various data types including classes, methods, objects, and interfaces to recreate the function of an airline booking system. Built the program to allow for user interaction by handling input commands, using test cases and including error handling.
- Built functionality to create and edit a plane's flight manifest displaying passenger count, differentiating between first and economy classes and removing and adding passengers to available flights
- **Technologies**: Java

Education

Computer Science | Ryerson University

B.Sc. (Hons.)(Co-op)

- Courses: Data Structures (Lisp), Computer Science I, II (Python, Java), Introduction to Unix, C, C++
- Women in Computer Science (WiCS) 2nd year representative