

SAQIB ALI

COMPUTER ENGINEERING | UNIVERSITY OF WATERLOO



s248ali@uwaterloo.ca



saqibali.ca



647-561-7949



github.com/SaqibAli





TECHNICAL SKILLS

Languages: C++ | Java | JavaScript | Python | Html | Sass | Vue | React

WORK EXPERIENCE

- Spring 2021 **Developer** *CGI Inc. Markham, Ontario*
- Incoming spring 2021 Software developer at CGI
- Fall 2020 **Software Developer** *Opentext, Waterloo, Ontario*
- Co-developed a responsive website to showcase proprietary company icons and optimize the UXD team's workflow
 - Lead the development of an admin screen to upload, delete and edit icons utilizing React, Java and Spring
 - Implemented build automation using Team City to run scripts for further manipulation of icons as part of CI/CD
 - Icons were pushed to artifactory and published as an npm package to provide programmatic access
- Winter 2020 **Software Engineering Intern** *WeWork labs, Toronto Ontario*
- Worked in a fast-paced startup environment to aid development of a social media application
 - Performed manual test executions to document bugs within the software database using NodeJS and JavaScript
 - Spearheaded the implementation of a Restful API demo to upload user media to MongoDB, using Vue and Express.

PROJECTS

-  **Sorting Vizualizer** *React*
- Built a clone of the classic addictive game: Snake
 - Incorporated fundamental OOP principles to provide a clear modular structure
-  **PlayStation 5 front-end for Windows** *Python, Kodi*
- Developed a clean interactive front-end interface to launch games using Kodi
 - Implemented core functionality to launch, hide, sort, remove games via Python scripts
 - Incorporated the Xinput api to report information regarding controllers in UI: [Play Station 5 Skin](#)
-  **Snake Game** *C++*
- Implemented core game logic and visuals using C++
 - Incorporated fundamental OOP principles to provide a clear modular structure
-  **Academic Marks App** *React, SASS, Java, Spring boot, Java Script*
- This app removes my reliance on sticky notes and efficiently tracks my academic progress
 - UI Interactivity was implemented using the React framework and styling using SASS
 - Implemented the backend using Java and Spring boot which handles front-end requests

EDUCATION

Fall 2019 - Present **University of Waterloo** Candidate for BAsc in Honours Computer Engineering, Co-op

OTHER

- uwaterloo Euclid School Champion: *1st place of math / computing competition awarded twice (2017 & 2018)*
- Governor General's Academic Award: *highest academic achiever in high school*