

SAAD JAHANZEB TAJ

2A Honours Mathematics · (289)-501-2662
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TECHNICAL SKILLS

Programming Languages: Python · Java · C · JavaScript · Kotlin
ActionScript · Racket

Software/Technologies: Git · HTML/CSS · Bootstrap · jQuery · Sass
Pygame · Selenium · Adobe Animate/Flash

PROJECTS

Portfolio Website

github.com/SJT00/SJT00.github.io

HTML/CSS and JavaScript

- Developed a personal portfolio website using HTML5, CSS3 and JavaScript
- Crafted an aesthetic and functional layout using Sass and JQuery
- Established cross platform performance with Bootstrap

Space Invaders Game

github.com/SJT00/NesControllerGame

Python

- Created a Space Invaders Clone using Pygame library
- Organized and animated sprite visuals corresponding to user input
- Designed a custom NES controller in AutoDesk Inventor, assembled using 3d printing technology
- Programmed arduino to communicate between controller and game

Two Player Fighting Game

sjt00.github.io/#gamewv

Actionscript - Flash

- Built a two player fighting game using ActionScript Flash scripting
- Streamlined animations and visual effects in Adobe Flash, optimizing them for improved user responsiveness and enjoyment
- Responded to user feedback and requests

EXPERIENCE

Starcon (Software Engineering Conference)

January 2019

- Attended talks addressing the latest issues and ideas concerning the digital world
- Supported with day-of logistics, including setup and tear down
- Lead guests and speakers throughout event

Hack the North (Hackathon)

September 2018

- Organized and guided over 1000 hackathon participants
- Managed and setup activities and workshops
- Worked alongside tech innovators and entrepreneurs

Brock Leadership Camp

July 2017

- Gained leadership experience by assisting with student activities including game design and programming
- Developed interpersonal communication skills through answering student queries
- Administrated and coordinated youth groups throughout camp

EDUCATION

University of Waterloo

2018 - Present

Candidate for Bachelor of Mathematics, Honours Mathematics