# 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