

# SAAD JAHANZEB TAJ

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

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

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

## PROJECTS

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### Course Tracker App

github.com/SJT00/ToDo-App

*Kotlin, Java and Selenium*

- Automated user experience, using Selenium web crawling
- Structured UI for optimum user productivity
- Implemented time allocation suggestions and techniques

### 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

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### 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

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### University of Waterloo

*2018 - Present*

Candidate for Bachelor of Mathematics, Honours Mathematics