

# SHAWN SANTHOSHGEORGE

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## Profile

Detail-oriented and self-motivated student at the University of Toronto Scarborough, specializing in Machine Learning and Data Science. Proficient in Java, Python, C, HTML, CSS and other frameworks, dependencies also capable of working in a collaborative environment to solve problems. Developed a Java application that emulates a Unix Shell, made a Portfolio Website using HTML, CSS, and GamseeAI is a surveillance application that can be used to look after your belongings that you leave in a public space made using Python and other dependencies.

Key Competencies:

- Software Development Cycle
- Object-Oriented Programming
- Web Development
- Troubleshooting
- Organizational
- Adaptable
- Problem Solving
- Oral Communication

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## Education

**Candidate, Honours Bachelor of Science**

September 2019 - Present

**University of Toronto Scarborough**

Specialist Statistics in Machine Learning and Data Science (2nd year)

CGPA: 3.58/4.00

Awards: University of Toronto Entrance Scholarship (\$1500), 2019 – 2020 University of Toronto Scarborough Deans List

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## Projects

**Translator: A Discord Bot** ([GitHub](#))

January 2021 – January 2021

Personal Project, Brampton, Ontario

- Designed a simple bot that can manage content in a discord server to prevent spam messages in the channel.
- Made use of the Google Cloud SDK to use the Cloud Translation API to translate given text for any language.
- Used the Google Cloud console to create a VM instance to deploy and use the discord bot in various servers.

**Readability Score** ([GitHub](#))

December 2020 – January 2021

Personal Project, Brampton, Ontario

- Added various input and output options like file upload for the user to allow for improved user experience.
- Researched various readability methods and age-based analysis to provide improved analysis for the content.
- Created an efficient algorithm to count the syllables and polysyllables to be used to calculate various scores.

**Portfolio Website** ([GitHub](#))

August 2020 – September 2020

Personal Project, Brampton, Ontario

- Designed the website using HTML, CSS to create a responsive site that is compatible with most devices.
- Ran tests to collect information about site load time and other metrics to improve to experience on the site.
- Used version control software (git) to keep track of the project and to host the website using Netlify.

**JShell App** ([GitHub](#))

June 2020 – September 2020

Software Design, University of Toronto Scarborough

- Used the agile development cycle to ideate design and to structure tasks and timeline within a group of 4.
- Iteratively adapted the application to best suit the requirements requested by the client.
- Delivered a Java Shell capable of emulating the commands: mkdir, cd, ls, pwd, mv, cp, cat, curl, pushd, popd, history, speak, echo and redirection of command output to file.