

# Greg Sherman

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https://github.com/GregSherman

Toronto, Ontario, Canada

M5S 0E4

## SKILLS

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**Languages** Python, Java, C, R, JS Processing

**Tools/Frameworks** PyGame, Plotly, JavaFX, RDF, Git, LaTeX

## WORK EXPERIENCE

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### IT Intern, RPM Technologies

*Toronto, ON*

- Created a graphical metrics interface to ease the searching of client metrics
- Utilized MySQL to create visual, time-based metrics
- Worked in a team of two to create a seamless Grafana interface

*July 2019 - Sept 2019*

## PROJECTS

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### Phone Simulation

*June 2019*

- Created a working phone simulation using JavaScript Processing
- Three working apps: settings, clock, and concentration card game
- Ability to change multiple settings and progress through levels of concentration

### Climate Change in Media

*Nov 2020 - Dec 2020*

- Worked in a 4-person team setting using Python to discover statistics about climate change in media by year and political views
- Developed the article search algorithm for key words related to climate change in over 5 million article titles

### Connect X

*Mar 2021 - April 2021*

- Worked in a 4-person team setting using Python to create multiple levels of AI in Connect X, a Connect 4 game at any height & width of board
- Implemented the AI portion, including a Monte Carlo Tree Search algorithm, and collected statistics of how well they performed

### TextGameEngine

*Sept 2021 - Dec 2021*

- Created, with a 6-person group, a text-based game creator and player using Java, JavaFX, and Git
- Implemented saving game instances and loading them back into the editor or to the game player using RDF
- Maintained the visuals of the program and interactive elements of the editor

## EDUCATION

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### University of Toronto

*Toronto, ON*

Candidate for Bachelor of Science, Specializing in Computer Science, Majoring in Statistics, and  
Minoring in Mathematics

*Sept 2020 - April 2024*

- GPA 3.84 / 4.0

## OTHER EXPERIENCES

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### High Performance Program

*Toronto, ON*

- Took part in a half-day hockey, half-day school program since grade 6 until high school graduation

*Sept 2012 - June 2020*