YOUSSEF SAMAAN

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EDUCATION

McGill University

Bachelor of Computer science, GPA 3.5   Sep 2021 - Jun 2024 (expected)

- Courses taken: Calculus3, Linear algebra, Discrete structures, Intro to computer science, Intro to software systems
- Currently taking: Probability, Programming lang & paradigms, Software Design, Algorithms and data structures

TAV College

Pure and applied science DEC   Sep 2019 - Jun 2021

- R score 32
- Placed on the Dean's list all 4 semesters

PROJECTS

Personal website ⚙
- I built this website to showcase my projects, skills, education, and experience.
- This website is also responsive to all devices and it has dark mode too.

Solar System ⚙
- Programmed a realistic solar system.
- The velocities and the force of each entity onto the other to calculate their new position.
- A non-elastic simulation for when two entities collide with each other.
- Different simulations with different starting parameters were created if you wanted to try them.

The shortest path for a knight (chess piece) ⚙
- Developed an algorithm to find the shortest path that the knight needs to take to go from one coordinate to another.
- It uses the Pythagorean theorem and different if-statements to find the next point.

Sudoku Solver ⚙
- Programmed a Python script that can solve sudoku puzzles.

SKILLS

Programming/scripting languages: Python, Java, MATLAB, C, Bash, Unix/Linux, Git, HTML, CSS, SQL, JavaScript

WORK EXPERIENCE

Inventory Associate/Specialist, RGIS   Jun 2021 - Aug 2021
- Worked alongside a team to do the inventory at different stores.
- Got promoted to Inventory Specialist after 2 months

OTHER

Languages: English, French, Arabic

Hobbies: Traveling, League of Legends, Drawing, Football (soccer)