Samy Harras

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SUMMARY

Computer Engineering student dedicated to improving skills through hands-on learning and development work. Proficient in both software and hardware. Adept at using Python, Java, C, VHDL, and eager to learn more programing languages. Well-organized and collaborative team player with strong oral/written communication in three languages and analytical abilities.

EDUCATION

McGill University   **August 2022 - April 2026 (Expected)**

Bachelor of Engineering (BEng)- Computer Engineering
Minor in Applied Artificial Intelligence

- 3.65/4.0 CGPA

EXPERIENCES

- Created the first computer science club in the school and was elected president for 4 years in a row (2019-2022)
- Gave introductory classes to middle schoolers using the platform Scratch (2019-2021)
- Voted class representative during high school for 4 years in a row (2019-2022)
- Organized various events and trips to different cities (2019-2020) (2022-2023)
- Volunteer mathematics tutor for high school and university students (Calculus I, II, III and discrete structures) (2022-2023)

SKILLS

- **Technical skills:**
  - **Circuits**: Circuit theory, circuit design, and circuit analysis.
  - **Digital logic:** binary numbers and Boolean algebra, combinational circuits, optimized implementation of combinational circuits, arithmetic circuits, combinational circuit building blocks, flip-flops, registers, counters, design of digital circuits with VHDL, and synchronous sequential circuits.
- **Software languages:**
  - Python, Java, and C.
  - Experience with Unix/Linux environments.
- **Languages:**
  - Perfect mastery of English, French, and Arabic (Oral and written).
- **Other skills:**
  - Eagerness to learn and perspicacity.
  - Public speaking and presentations.

RELEVANT COURSES

- Fundamentals of software development
- Introduction to software systems
- Law for architects and engineers
- Engineering economy
- Communication in engineering
- Algorithms and data structures (Winter session)
- Technological entrepreneurship (Winter session)