Samuel Morris

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[Website](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

- **B.A. & Sc. Honours Cognitive Science (Computer Science Stream), Minor Computer Science @ McGill University, Montreal, QC. September 2018 – Present.**
  - CGPA 3.50. Graduating in April 2022.

TECHNICAL EXPERIENCE

- Designed and constructed a [portfolio website](#) from scratch using HTML, CSS, JavaScript, Tailwind, GitPages, and Anime.js.
- Developed a [clone of the game 'Brick-Breaker'](#) with music, particle-effects, level-selection, and level-creation system that transforms .PNG files into custom Brick-Breaker levels.
- Implemented a [Q-Learning Tic-tac-toe agent](#) using Python and PyGame that learns to play perfectly by simulating games against itself.

WORK EXPERIENCE

- **Robotics Camp Counselor @ Engineering for Kids Vancouver Island, Victoria, BC. May – August 2019.**
  - Instructed campers on how to engineer, program, and deploy LEGO robots in order to solve exciting engineering challenges. Organized recreational programs, supervised children during play, and realized new curriculum when essential supplies were distributed to other camps running in parallel. See a [reference letter](#) from the managing partner and Co-owner for details.

VOLUNTEER

- **ESL Teacher @ Zespół Szkół Mechaniczno – Elektrycznych, Zywiec, Poland. February – June 2018.**
  - Conducted lectures in English, collaborated with teachers to create lesson plans, and marked homework assignments at the local high school in Zywiec. Designed and implemented curriculum to teach students about Canadian culture, economy, and geography.

SKILLS

- **Programming Languages:** Java, HTML, CSS, JavaScript, Python, OCaml, Tailwind.
- **Tools & Paradigms:** UML Diagramming, Git, OOD, Functional Programming.
- **Professional Interests:** AI, Computational Finance, Robotics, Neuroethics, Renewables.
- **Other:** CPR-C Certified (Expires May 2022), Advanced Spoken French.