Jake Gameroff

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EDUCATION

McGill University *August 2022 – May 2025*
B.A. in Honours Mathematics and Computer Science

Dean's Honour List (top 10% at end of academic year)
Grade Point Average: 3.84/4.00
Relevant coursework: *Machine learning, Reinforcement learning, Probability theory, Combinatorial optimization, Algorithmic game theory, Complexity theory, Real analysis 1-4, Measure theory, Functional analysis, Group theory, Combinatorics, Graph theory, Algorithms and data structures, Functional programming, Operating systems.*

Marianopolis College *August 2020 – May 2022*
DEC in Social Sciences and Commerce

Dean's Honour List (received every semester), Dean's Honour Roll, Marianopolis Scholar
Weighted Average: 95.93%
R-Score: 36.625

AWARDS & SCHOLARSHIPS

NSERC USRA Award in Theoretical Computer Science ($8,950)	*May 2025*
Tomlinson Undergraduate Award ($300)	*May 2024*
McGill Faculty of Arts Scholarship ($100)	*August 2023*
McGill Alma Mater Scholarship ($3,000)	*Augsut 2022*
Marianopolis English Department Prize	*May 2022*
Nominee for Marianopolis Shakespeare Award	*May 2022*

RESEARCH EXPERIENCE

NSERC USRA Research in Theoretical Computer Science *May 2025 – August 2025*
Supervisor: Prof. [Supervisor Name]

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- Presented research findings at the UCORE Poster Session (link to poster)

McGill Directed Reading Program *January 2024 – July 2024*
(link to report)

Wrote a technical report in structural combinatorics, supervised by a graduate student in mathematics.

Strengthened and generalized a result from a peer reviewed paper in mathematics.

PROJECTS

- **SeatFinder.ca**

  Developed a web application to help students find available study spaces across campus libraries.
  - Implemented real-time occupancy tracking and interactive campus maps.

Monotope.ca

Created an educational platform for exploring mathematical concepts in polytope theory.Built interactive visualizations for high-dimensional geometric objects.