

# Jake Gameroff

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GitHub: [www.github.com/jakegameroff](https://www.github.com/jakegameroff)

## EDUCATION

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### 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: *Real analysis 1 – 4; Measure theory; Functional analysis; Probability theory; Algorithmic game theory (graduate); Combinatorics; Graph theory; Single and multivariable calculus; Linear algebra; Group theory; Algorithms and data structures; Software systems; Functional programming; Machine learning and AI.*

### 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

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Tomlinson Undergraduate Award (\$300)

May 2024

McGill Faculty of Arts Scholarship (\$100)

August 2023

McGill Alma Mater Scholarship (\$3,000)

August 2022

Marianopolis English Department Prize

May 2022

Nominee for Marianopolis Shakespear Award

May 2022

## ACADEMIC EXPERIENCE

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### McGill Math Help Desk

January 2024 – May 2024

- Tutored math majors at the undergraduate level at McGill's Math Help Desk.
- Specializing in real analysis, group theory, calculus, linear algebra, and combinatorics.

### McGill Course Grader (next semester)

August 2024

- Course grader in a senior-undergraduate-level measure theory course.

## RESEARCH EXPERIENCE

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### 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.

### Honours Research Project (McGill Class)

June 2024

*(slides for: presentation 1, presentation 2)*

- Delivered two detailed, graph theoretic presentations to a group of McGill undergraduate students.

## TECHNICAL SKILLS & HOBBIES

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### Programming Languages:

Python, Java, C, OCaml, L<sup>A</sup>T<sub>E</sub>X

### Research Interests:

Algorithms, Combinatorics, and Optimisation

### Hobbies:

Hiking, Swimming, Badminton