

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: *Real analysis 1 – 4; Measure theory (graduate); Functional analysis (graduate); Probability theory (graduate); 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

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

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

McGill Directed Reading Program

January 2024 – July 2024

(link to report)

- Wrote a technical report in analytic combinatorics, supervised by a graduate student in mathematics.
- Strengthened and generalized a result from a peer reviewed paper in mathematics.

Ramsey Theory Presentation

June 2024

(links to: slides, notes)

- Delivered a detailed presentation on Ramsey theory to a group of McGill undergraduate students.

TECHNICAL SKILLS & HOBBIES

Programming Languages:

Python, Java, C, OCaml, \LaTeX

Specialties in Mathematics:

Real analysis, Calculus, Linear algebra, High-school math

Hobbies:

Hiking, Swimming, Badminton