Jake R. Gameroff

Phone: 514 258 0198 ◇ Email: jakegameroff@gmail.com
GitHub: www.github.com/jakegameroff

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) *Augsut 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