

Samy Lahlou Kamal

Curriculum Vitae

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Education

August 2022 – present **McGill University - Faculty of Science** Montréal, Canada
Bachelor of Science - Joint Honours, Mathematics & Computer Science

September 2019 – June 2022 **Lycée Lyautey** Casablanca, Morocco
French Baccalaureate, Mathematics & Computer Science Specialities

Research Experience

Summer 2024 **Honours Research Project** Montréal, Canada

- Summer course project with Professor Anush Tserunyan as my supervisor (course code: MATH 470).
- Worked on Measure Theory and Ergodic Theory.

Winter 2024 **Directed Reading Program** Montréal, Canada

- Reading project with Hazem Hassan as my mentor.
- Learned about p -adic numbers, their construction, their properties and their applications in Number Theory.

Professional Experience

Winter 2024 **Grader at McGill University** Montréal, Canada
Grading Discrete Mathematics (MATH 240) assignments.

May 2023 – September 2024 **Tutor at McGill University** Montréal, Canada
Planning tutoring sessions for 1st year students in Mathematics.

Projects

January 2025 **Expository Article on the Harmonic Series** Montréal, Canada

- Wrote an article that presents a new proof of the Divergence of the Harmonic Series followed by a discussion on the importance of rigor in Mathematics.

December 2024 **Historical Article on Fourier Analysis** Montréal, Canada

- Wrote an article with Nisrine Sqalli on the impact of Fourier Analysis on Mathematical Analysis.

December 2024 - present **Personal Website** Montréal, Canada

- Coded a Personal Website using HTML and CSS.
- Post regularly my personal solutions to textbook exercises, articles that I write and reviews of Mathematical books.

Coding Skills

Programming Languages

- Python
- Java
- C
- Bash
- Assembly
- SQL

Markup Languages

- L^AT_EX
- HTML
- CSS

Languages

English (Fluent)

French (Native)

Arabic (Native)