Samy Lahlou Kamal

Curriculum Vitae

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Education

August 2022 – present	**McGill University - Faculty of Science** *Bachelor of Science - Joint Honours, Mathematics & Computer Science*	**Montréal, Canada**
September 2019 – June 2022	**Lycée Lyautey** *French Baccalaureate, Mathematics & Computer Science Specialities*	**Casablanca, Morocco**

Research Experience

Summer 2025	**Undergraduate Summer Research Award (NSERC)**	**Montréal, Canada**

- Reasearch project under the supervision of Pr. Henri Darmon.
- Worked on special values of L-functions.

Summer 2024	**Honours Research Project (MATH 470)**	**Montréal, Canada**

- Reasearch project under the supervision of Pr. Anush Tserunyan.
- Worked on Measure Theory and Ergodic Theory.

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

- Reading project with Hazem Hassan as my mentor.
- Worked on p-adic numbers and Number Theory.

Professional Experience

Winter 2024	**Grader at McGill University** Grading Discrete Mathematics (MATH 240) assignments.	**Montréal, Canada**
May 2023 – September 2024	**Tutor at McGill University** Planning tutoring sessions for 1st year students in Mathematics.	**Montréal, Canada**

Projects

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

- New proof of the Divergence of the Harmonic Series.

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

- Wrote an article with Nisrine Sqalli on Fourier Analysis.
- Publiched in the Delta Epsilon Undergraduate Math Journal.

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

Programing Languages
- Python
- Java
- C
- Bash
- Assembly
- SQL

Markup Languages
- LaTeX
- HTML
- CSS

Languages

English (Fluent)   French (Native)   Arabic (Native)