

# Mark-Anthony Moisescu-Pareja

☎ (514) 686-1474 ✉ [markanthony.moisescu.pareja@gmail.com](mailto:markanthony.moisescu.pareja@gmail.com) [in](#) [mark-anthony-moisescu-pareja](#)

## EDUCATION

### McGill University

Sep. 2020 – May 2024

Bachelor of Science, Honours Probability and Statistics

### SELECTED COURSEWORK

- Intro. to Computer Science
- Intro. to Software Systems
- Honours Probability
- Honours Statistics
- Intro. to Data Science
- Honours Algorithms &
- Data Structures
- Honours Analysis 1 & 2
- Honours ODEs
- Honours Applied Linear Algebra

## EXPERIENCE

### McGill Students Trading Society

Feb. 2022 – Present

Quantitative Research Analyst

- Selected as **1** of **14** individuals to join the McGill Students' Trading Society's quantitative research team.
- Managing the McGill Quantitative Strategy Portfolio (MQSP) with **\$100,000** USD AUM.
- Collaborate with team on coding projects including portfolio management, asset allocation and financial indicators.

### McGill Mathematics Directed Reading Program

Jan. 2022 – Present

Undergraduate Student Researcher

- Selected to participate in the program which pairs motivated undergraduate students with graduate student mentors to learn about research-level mathematics.
- Working on a project related to discrete probability theory (random graphs, trees).
- Write a final report and give a presentation on the project's findings at the end of the semester.

### McGill Dept. of Mathematics

Sep. 2021 – Present

Undergraduate Course Assistant

- Graded assignments for students in the course MATH 203 (Principles of Statistics) at McGill.
- Prepared and validated solution sheets for assignment problems.

## LEADERSHIP & EXTRACURRICULARS

### McGill Society of Undergraduate Mathematics Students

Mar. 2021 – Present

VP Finance

- Elected to represent **800** undergraduate mathematics students at McGill.
- Allocate and manage a budget of **\$10,200** to fund all events, including course tutorials and guest speaker events.
- Prepare monthly audits and document expenses in the form of invoices or receipts.
- Collaborated with the **McGill Investment Club**, and spearheaded the development of a selective quantitative analyst program for motivated students.

### Heritage Regional High School - Sports Excellence Program

Sep. 2013 – Jun. 2018

Athlete (Soccer)

- Committed **20** hours per week as a soccer player to training, meetings and competitions, all while maintaining an overall academic average of **85%** and above.
- Finished **1st** place in the 2016-2017 season.
- Named **most valuable player** (MVP) for the 2016-2017 season.

## PROJECTS

### MIR/ROR/RIM | Class project

2020

- As a team, implemented a puzzle-themed video game that demonstrates new physics concepts to students, while challenging their critical thinking, memory and visual perception through the completion of the game's distinct levels.
- Technologies used: **Java**, **libGDX**, **Piskel**

## SKILLS

**Natural Languages:** English, French, Spanish

**Programming Languages:** Python, Java, C, HTML/CSS, Bash