

MATTHIEU JOSSE

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ÉCOLE POLYTECHNIQUE (L'X) GRADUATE

SEEKING A POSITION AS A MATHEMATICS TEACHER

💡 Academic Career

Dec 2024
to Dec 2025

Published as first author in *ACM SIGGRAPH Asia 2025 Conference Proceedings*.

Continued and published the research conducted during my internship, under Adrien Gruson's supervision and with Joey Litalien's contribution. More info on my website's portfolio.

Mar 2024
to Dec 2024

Master's Research Internship, *École de Technologie Supérieure, Montreal, QC, Canada*

Conducted research under Adrien Gruson's supervision on neural-based neighbor selection for Gradient Domain Rendering.

Sept 2021
to Aug 2024

Diplôme d'Ingénieur de l'École Polytechnique, *École Polytechnique (l'X), Paris, France*

France's leading engineering school. Strong foundation in advanced mathematics (probability, functions, linear algebra) directly relevant to secondary-level teaching, built through coursework spanning Quantum Physics, Macroeconomics, Machine Learning, and 3D Geometry/Rendering.

📖 Teaching & Pedagogical Experience

Oct 2021
to April 2022

Mathematics Tutor.

Provided one-on-one tutoring in probability and functions for Grade 11 students, adapting explanations to strengthen conceptual understanding ahead of exams.

Participated in École Polytechnique's #GENIUS program, providing weekly mathematics tutoring to high school students from rural or underserved areas, as part of an equal-opportunity initiative.

Jan 2026
to now

Skating Instructor & Youth Coach, *Rolling Tribes, Montreal, QC, Canada*

Designed and led weekly skating lessons for groups of ~20 children aged 7–12, managing multiple skill levels within the same group while maintaining a safe environment. Developed group management, communication, and skills in creating a motivating and engaging learning environment for young audiences.

Invited by local festivals to lead technical workshops in Montreal, Toronto, and New York.

♥ Community Work

Jan 2026
to now

Member of the board of directors, *Rolling Tribes, Montreal, QC, Canada*

Organised more than 100 skating events, aiming at fostering inclusivity, physical and mental well-being, and skill development through inline and quad skating.

🔍 Skills

Programming AI Libraries Languages

Python ; C++ ; C# — Familiar with : Js ; MiniZinc ; OpenGL

Pytorch ; Mitsuba3

English (fully proficient) ; French (mother tongue)