

Cyril Falcon

Ph.D. & Triple Master
Professeur agrégé

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in falcon-cyril

French citizenship

Born on August 4th, 1994 in Bordeaux (France)



Trained as a mathematician, passionate about physical sciences and highly curious about digital sciences, I am a versatile and creative person endowed with solid intuition and natural talents in communication. Constantly seeking new challenges, I am determined to use my analytical abilities and technical agility to meet innovation demands in the cutting-edge industry.

Work experience

- 18/08–22/08 **Researcher in Mathematics**, LMO, Université Paris-Saclay (World 1st, Shanghai ranking).
Publication of 3 articles in international peer-reviewed journals.
Oral presentations, in French and English, of my results in about 10 seminars.
Participation in about 100 presentations in French and English by international experts.
- 18/09–21/08 **Teaching assistant in Mathematics**, Université Paris-Saclay.
Nearly 200 hours of tutorials for about 10 groups of about 30 diverse students.

Administrative and community responsibilities

- 18/09–22/08 **Creator and facilitator of mathematical mediation workshops for the general public.**
Supervision of about 10 groups of about 15 students from primary to high school pupils.
- 19/09–21/09 **CoSouDo (Collecte de SOUTenance des DOctorants) member.**
Organisation of about 30 fundraising to offer gifts for new doctors.
- 18/09–20/12 **Creator and coordinator of a mathematical mediation seminar for an informed public.**
Organisation of about 15 events bringing together about 40 higher education students.

Academic background

- 2023/01/25 **Doctoral degree in Pure mathematics**, Université Paris-Saclay.
Laureate of a doctoral grant from the Ministère de l'Enseignement Supérieur et de la Recherche.
- 2018 **Double degree Master–Magister in Mathematics**, Université Paris-Saclay.
Laureate in 2015 and 2017 of a 10 000€ grant for excellence from the Jacques Hadamard foundation.
- 2017 **Agrégation externe in Mathematics, 67th/3582**, Ministère de l'Éducation nationale.
- 2017 **Taught Master's degree in Mathematics**, Université Paris-Saclay.

Computer skills

LaTeX (scientific documents) Expertise	Inkscape (vector graphics) Expertise
SageMath (computer algebra) Advanced	MATLAB (numerical analysis) Advanced
Python (data analysis) Intermédiaire	

Language skills

French	Mother tongue	English	Fluent
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Miscellaneous interests

- Sports Swimming, running, forest biking and mountain hiking.
- Puzzles Creation of puzzles based on steganographic methods.