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# Aurélien Pardo

*Graduate Assistant*

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## Professional Path

Aurélien Pardo is currently a graduate assistant and doctoral student in statistics within the ASAM research group at the University of Fribourg. He holds a bachelor's degree in fundamental mathematics and a master's degree in applied mathematics from the University of Savoie Mont-Blanc, supplemented by a second-year master in Stochastic and Data Science from the University of Turin. He has gained varied professional experience: university tutor, intern in applied mathematics at the Fresnel Institute, in data science at CFAST, and mathematics teacher at Acadomia. At the same time, he is a member of the French Statistical Society and the French Mathematical Society, and plays handball for the Fribourg team.

## Personal Data

Date of birth: January 12, 2000

Nationality: French

Social networks: One can find me on:

- ResearchGate
- ORCID

## Skills and Competences

### Languages

French — **Mother tongue**

English — **Oral: good; Written: good**

Spanish — **Passive understanding**

### Programming and software knowledges

Programming
- Python, R, Matlab, C++, SQL.
- LaTeX, etc.

Software
- Specific statistical softwares: SPSS, R.

Platforms
- Internet sites and Learning platforms: Drupal, MODX, moodle.

## Education

### High School

09/2015 – 07/2018 **Baccalaureate in Science : Earth and Life Sciences track; option Mathematics**, *Val de Durance High School*, Pertuis, France, With honors.

### Preparatory class for prestigious schools

09/2018 – 07/2019 **First-year of preparatory class for prestigious schools program in economics and business; scientific track**, *Paul Cézanne High School*, Aix-en-Provence, France, Passing grade.

### University

09/2019 – 07/2022 **Bachelor's degree in fundamental mathematics**, *University of Savoie Mont-Blanc*, Le Bourget-du-Lac, France, Passing grade.
- Mathematics, Computer Science, Physics

09/2022 – 09/2024 **Master's degree in applied mathematics; Mathematical modeling and applied analysis**, *University of Savoie Mont-Blanc*, Le Bourget-du-Lac, France, With honours.
- Mathematics

09/2023 – 02/2024 **Master 2 in Stochastic and Data Science**, *University of Turin*, Turin, Italy.
- Statistical Learning, Data Mining, Bayesian Statistics

09/2019 – 09/2024 **Mathematical Engineering Program; Mathematical modeling and numerical simulation**, *University of Savoie Mont-Blanc*, Le Bourget-du-Lac, France, René Descartes Promotion.

## Jobs

### Companies

02/2024 – 09/2024 **Internship in Data Science**, *Implementation of machine learning algorithms for a telecommunications database*, CFAST , Dijon, France.

### Universities and Institutes

02/2022 – 04/2022 **Mathematics tutor**, University of Savoie Mont-Blanc , Le Bourget-du-Lac, France.

05/2023 – 08/2023 **Internship in Applied Mathematics**, *Convolutional neural networks to accelerate MRI acquisition*, Fresnel Institute , Marseille, France.

10/2024 – 07/2025 **Mathematics teacher**, Acadomia , Provence-Alpes-Côte d'Azur, France.

08/2025 – today **Assistant, PhD Student**, *attached to Prof. Dr. Laurent Donzé, Head of the research group "Applied Statistics and Modelling"*, University of Fribourg , Fribourg, Switzerland.
Field: Statistics.

## Professional affiliations

01/2024 – today **Société Française de Statistique SFdS** .
Member.

01/2024 – today **Société Mathématique de France** .
Member.

## Extra-professional activities

### Sports activities

09/2025 – today **Equipe de Handball de Fribourg** .
Member.