

# Anita SALVADOR

PhD Student, Aix-Marseille  
University

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## Education

- 2023 - ... **PhD Student in Mathematics, Aix-Marseille University**  
*Fusion of multiparametric and logitudinal MRI data by representation learning* under the supervision of Badih GHATTAS and Nicolas DUCHATEAU
- 2022 - 2023 **Master 2<sup>nd</sup> year : Mathematics of Randomness, Paris-Saclay University**  
Specialisation in Probabilities and Statistics
- 2021 - 2022 **Master 1<sup>st</sup> year : Mathématiques Fondamentales, Paris-Saclay University**
- 2020 - 2021 **Licence de Mathématiques, Paris-Saclay University**
- 2020 - 2023 **Magistère de Mathématiques d'Orsay, Paris-Saclay University**  
University diploma, prepared in three years in parallel with the third year of the bachelor's degree and the two years of the Master's degree.
- 2018 - 2020 **Classes Préparatoires aux Grandes Ecoles, Lycée Masséna, Nice**  
MPSI / MP\*

## Experience

- 2023 **Inférence de réseaux de contact, Master's internship, INRAE, BioSP unity, Avignon**  
Under the supervision of Samuel SOUBEYRAND. Study of different stochastic models, and prediction of the movement of tropospheric air masses, represented by graphs.
- 2022 **Travail Encadré de Recherche, M1 internship, Paris-Saclay University**  
Pair work, under the supervision of Zacharie NAULET. Bibliography study, principally based on the following article *Benign Overfitting in Linear Regression* (2020) by Bartlett, Long, Lugosi and Tsigler
- 2021 **Travail Encadré de Recherche, L3 internship, Paris-Saclay University**  
Trinomial work, under the supervision of Michel RUMIN. *About island relief*, research and demonstration of a relationship between the number of summits, passes and lakes on an island.

## Language

Français native language  
English C1  
Español A2

## Software and programming skills

Python, Microsoft Excel, SQL, Microsoft Office (Word, PowerPoint), L<sup>A</sup>T<sub>E</sub>X.

## Extracurricular Activities

- 2022, 2023 **Jury for TFJM<sup>2</sup>**  
Jury of the French Tournament for Young Mathematicians (*Tournois Français des Jeunes Mathématiciens et Mathématiciennes*)
- 2021 - 2022 **Student ambassador**  
Participation in forums and fairs to present Paris-Saclay University to high school and young students

## Other Interests

Climbing, Outdoor Sports, Reading (fiction), Movies, Puzzles