



# LAURA FUENTES VICENTE

18/01/2001

Conde de Floridablanca nº48  
Murcia, Espagne

+33 6 29 43 02 22

«M2 Master student in Mathematics and Artificial Intelligence, searching a 6 months internship for the period: April-September 2024, in the field of l'AI applied to medicine»

laura.fuentes-vicente@  
universite-paris-saclay.fr

## Education

2023-2024 Paris, France	<b>M2 MASTER: MATHEMATICS AND ARTIFICIAL INTELLIGENCE</b> <i>Paris Saclay University &amp; CentraleSupélec</i> <ul style="list-style-type: none"><li>Supervised learning &amp; non-supervised</li><li>Reinforced learning</li><li>Statistics in big dimension</li><li>Medical imaging analysis (MVA, ENS Saclay)</li></ul>
2022-2023 Paris, France	<b>M1 MASTER: MATHEMATICS AND ARTIFICIAL INTELLIGENCE</b> <i>Paris Saclay University</i> <ul style="list-style-type: none"><li>Statistical learning</li><li>Optimization</li><li>Probability</li><li>Databases</li><li>Machine Learning</li><li>Deep Learning</li></ul>
2022-2023 & 2023-2024 Paris, France	<b>LAUREATE SCHOLARSHIP MIXTAI: Criterion Very Good Records</b> <i>DatalA, Université Paris Saclay</i>
2019 - 2022 Paris, France	<b>DOUBLE BACHELOR MATHEMATICS AND LIFE SCIENCES</b> <i>Paris Saclay University</i>
2018-2019 Murcia, Spain	<b>SCIENTIFIC BACCALÉAURÉAT, MENTION “VERY HIGH HONOURS”</b> <i>Lycée Français de Murcia André Malraux</i>

## Profesional experiences

01/04/23-31/07/23 Rixensart, Belgium	<b>INTERNSHIP GSK: DATA SCIENCE AI/ML</b> <ul style="list-style-type: none"><li>Classification</li><li>Linear models</li><li>Optimal transport</li><li>Bio-informatics</li><li>HPC</li></ul>
16/07/22-30/07/22 Flensburg, Germany	<b>VOLUNTEERING: INTERNATIONAL CIVIC SERVICE</b> Help reforming a climatic park (Artefakt center).
17/08/21-27/08/21 Rome, Italy	Help with the weeding, seed and harvest in a Community Supported Agriculture.
12/04/21-21/05/21 Paris, France	<b>INTERNSHIP: LABORATORY “2 INFINIS IRÈNE JOLIOT CURIE”: HEALTH DEPT. Modelling cerebral tumour growth.</b> Study of the effect of Radiotherapy on low grade diffuse gliomas with a partial differential equation (Fisher-Kolmogorov), in <b>Python</b> .
Mai 2017 Alicante, Spain	<b>INTERNSHIP: SURGERY OUTPATIENT DEPARTMENT - “VEGA BAJA” HOSPITAL</b> Understanding the operating mode of the public health system in the « Comunidad Valenciana ». Attendance to several surgery interventions and nursery workshops.

## Skills

Abilities	Languages	Computer Science skills
<ul style="list-style-type: none"><li>Strong interest in the resolution of numerical problems</li><li>Team work</li><li>Creativity and motivation</li><li>Dynamic and rigorous</li></ul>	<div><b>Spanish</b> Native</div> <div><b>French</b> C1 DALF</div> <div><b>English</b> C1 Cambridge</div> <div><b>Italian</b> B1 CertAcles</div>	<ul style="list-style-type: none"><li><b>Python, R, PyTorch, LaTeX</b></li><li>Samtools, Minimap, HPC</li><li><b>Excel</b>, Powerpoint, Word, Teams</li><li>iOS, Windows, Google Drive</li><li>Wordpress</li><li>Some notions in <b>C++</b> and <b>SQL</b></li></ul>

## Areas of interest

- Strongly interested in the application of AI, ML & DL to the medical research
- 7 years of classical dance and flamenco & 6 years of rhythmic gymnastics
- Taken part in the National Championship of Rhythmic Gymnastics Spain (groups) 2014 & 2017
- Member of the Student Life Council (2017-2019)
- Member of Paris Volunteers since 2020