

# Juliette Moreau

## ABOUT ME

PhD student on data and image analysis for prediction of evolution of stroke patients in CarMeN and CREATIS laboratories, University Lyon 1, France

## CONTACT

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## PROFESSIONAL EXPERIENCE

### Sep 2021 - PhD - Data analysis for stroke evolution prediction

**actual** CarMeN & CREATIS, University Lyon 1  
• Leading a three years research project

### Nov 2021 - Programming, signal analysis and deep learning teacher

**actual** INSA Lyon and Institut d'optique St Etienne

### 2022 Scientific Trainer

EMBL and ANF Deepscope  
• Introduction to deep learning for researchers

### Mar-Aug 2021 Research intership in machine learning for medical imaging

CREATIS, Lyon  
• bibliography, deep learning for medical imaging segmentation on CT bain

### June-Nov 2020 Participation to the synthetic biology competition iGEM

Centre de Biologie Structurale, Montpellier  
• Leading a research project, modelisation of biologic systems, designing DNA sequences, group work

### May 2019 Internship in an farm

Ferme de Vanadal in Lot - Aromatics distillery and poney breeding  
• Tasked to help where it was needed (distillery, packaging, nursing animals, developping protocols)  
• Developped adaptability, initiative and technical competence

### Februar 2019 One week internship at the international agriculture Show in Paris

Comexposium and GPPR  
• Tasked to welcome visitors and serve them  
• Developped team work and efficacy

## EDUCATION

2020 - 2021 • Paris-Saclay University, Bioinformatics

Master 2 Analysis and modelisation and engineering of biological and medical information

2018 - 2021 • AgroParisTech France's leading Institute of Technologye for Life, Food and Environnemental science, Paris, France

Field : engineering and health : human, bioproducts and environment

Specialization: from information to decision through analysis and learning

2018 • Pass the entry exam at AgroParisTech school - Rank 46 out of 2104

2016 - 2018 • two-years intensive program preparing for national competitive exam for entry to engineering schools. Lycée Saint-Louis, Paris.

Branch : biologie, chemistry, physics, earth science

2016 • Sicence baccalaureate (equivalent to High school diploma) Lycée Sonia Delaunay, Cesson-Vert Saint Denis - Mark 18.65 out of 20, awarded with distinction

## SPECIAL SKILLS

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- Langages**
- French : maternal langage
  - Highly proficient English (TOEIC 970)
  - Solid basic knowledge in German
- IT skills**
- Microsoft office software
  - Coding in Python and R
  - Little knowledge in Matlab, VBA for Excel, SQL, HTML and CSS
  - Experience with docker and nextflow
  - DNA design on Benchling
  - Latex
  - Simple video editing
- Other**
- Driving liscence

## MISCELLANEOUS

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- Practicing gymnastics for 11 years
- Practicing climbing for 7 years
- Reading
- Traveling (Bali, Costa Rica, Namibie, United-States, Island...)

*References available on request*