



Lucas ROUAUD

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rouaud-ba2a52177

22 years old

https://github.com/
FilouPlains

LANGUAGES

French (native)

Spanish (scholar)

HOBBIES

Programming

Documents, figures and pictures
formatting

EVENTS

(2018) General competition of
high schools and trades, bio-
technologies

(2019) Third semester done at
UQAC, in Quebec

(2022) School workshop: pre-
sentation of Kaggle project and
a poster on the M1 internship

Looking for a PHD in structural bioinformatics

SKILLS



Bioinformatic

- Work and conduct on a project in group
- Do machine learning
- Align sequences
- Simulating molecular dynamics
- Dock ligands
- Use object-oriented programming for projects



Computer science

- Use Visual Studio Code software as well as Microsoft or Libre office's pack software programs
- Use Git
- Make PDF through LaTeX
- Use HTML and CSS to realize a simple web page
- Programming with C++, Python, R
- Use vectorial computation methods



Statistic

- Analyse and present results in the appropriate format
- Use R to do analyses

TRAINING

2021 – 2023

- Master degree in bioinformatic
Université Paris Cité in Paris (France)

2020 – 2021

- Bachelor degree in Life Science, major in Biochemistry and Cellular Biology
Institut Sciences et Techniques in Neuville-sur-Oise (France)

2018 – 2020

- DUT in Biological engineering, option biological and biochemical analyses
Institut Universitaire de Technologie in Pontoise (France)

2018

- Baccalaureate in Sciences and Technologies in Laboratory, in biotechnologies
Lycée Viollet-le-Duc in Villiers Saint Frédéric (France)

PROFESSIONAL EXPERIENCES

2023

**6 months,
internship**

- Trainee in structural bioinformatic / Team UMRBIBIP, CNRS
Paris (France)
Task done:
 - Working on Hydrophobic Cluster Analysis
 - Detection of distant homology based on structure
 - Natural Language Processing and word2vec

2022

**3 months,
internship**

- Trainee in structural bioinformatic / Team UMR_S U1134, INSERM
Paris (France)
Task done:
 - Molecular dynamics simulation
 - Molecular docking
 - Programming parser in python
 - Data analyses with R

2021

**2 months,
internship**

- Trainee in web development / Team UMR_S U1136, INSERM
Paris (France)
Task done:
 - HTML form
 - Data treatment with SQL
 - Server side processing with PHP
 - Work on the ergonomic of a website