Lucas ROUAUD

✉ lucas.rouaud@gmail.com

in linkedin.com/in/lucas
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