

# Samuel Ortion

Bioinformatics student

20 years old

Contact

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Interests

- Ornithology
- Bioacoustics
- Biology
- Evolution
- Computer Science
- Machine learning



## Looking for a Computational Biology Internship

Links

samuel.ortion.fr

sortion

Skills

C/C++, Rust, Python, R, shell  
JS, Java, PHP, OCaml...

HTML, CSS, Lua $\LaTeX$

SQL

GNU/Linux, Docker

Git

UML2

PCR, RT-PCR, Clone

Spectrophotometry

Microorganism culture

Microscopy

Electrophoresis

Languages

- French (native)
- English (B2, TOEIC Score 870)
- German (A2)

## Education

Master Genomics, Informatics and Mathematics for Health and Environment 2023-present  
Université d'Évry val d'Essonne – Université Paris-Saclay

Double bachelor degree in Biology and Computer Science 2020-2023  
Université d'Évry val d'Essonne – Université Paris-Saclay  
— Introduction to computational biology through little projects along the cursus ;  
— Participation to the Digital for Genomics Hackathon 2023 edition.

## Work Experiences

Neurosciences Internship May-June 2023  
Centre de Recherche en Neurosciences de Lyon  
— Electrophysiological (LFP, respiration and whisking) signals analysis in rats ;  
— Python scripting for data analysis and visualization.

Computer Science Internship January 2022  
Natural-Solutions  
— One-week internship in the Natural-Solutions web development agency, based in Marseille.  
— Contribution to a deep learning project aiming automatic nocturnal bird flight calls detection and identification : NBM Challenge.

## Activities

- Bird watching, sighting data sharing on crowd-sourced databases ;
- Bat ultrasound recording and analysis (Vigie-Chiro) ;
- Wildlife Photography ;
- Software development & GNU/Linux system administration ;
- Liness Linux User Group ;
- Writer for <https://bioinfo-fr.net> blog ;
- Bioinformatics learning through problem solving at Rosalind.info