



Léopold Guyot

Biology and Bioinformatics

- 13 september 2002
- Avenue Jeanne 11, 1330 Rixensart Belgium
- +32 470 08 03 50
- leopold.guyot@uclouvain.be
- <https://github.com/leopoldguyot>

About Me

Deeply interested in both bioinformatics research and science education, I developed my expertise through sustained research experiences in proteomics at the de Duve Institute (CBIO lab) and a master's thesis in the field. In addition, I have cultivated strong teaching skills by mentoring students in lab work, statistics, and R programming, as well as leading nature education workshops. I am committed to combining research with effective science communication and student support.

Languages

- English **B2**
- French **C2**

Hard Skills

- Python
- R
- Excel
- PowerPoint

LaTeX

Soft Skills

- Motivated
- Teamwork
- Problem solving

Work Experience

- 2025- **Teaching assistant** UCLouvain
Teaching assistant in biology and bioinformatics classes
- 2025- **PhD in the CBIO lab in single-cell proteomics** CBIO - DeDuve institute
Downstream analysis of SCP data
- July-August 2024 **Internship in the statOmics lab in single-cell proteomics** statOmics - UGent
Worked on mixed model applied to single-cell proteomics
- July 2023 **Internship in the CBIO lab in single-cell proteomics** CBIO - DeDuve institute
Worked on benchmarking dimensional reduction methods in the context of SCP data (High level of missing data)
- 2022-2023 **Tutor in R and statistics university courses** UCLouvain
Assisting the Professor during the courses
- 2022-2023 **Tutor in Ecology university courses** UCLouvain
Helping students during laboratory sessions

Education

- 2025 – **PhD in Bioinformatics** UCLouvain
- 2023 – 2025 **Master in Bioinformatics (Great distinction)** Université Libre de Bruxelles
- 2020 – 2023 **Bachelor in Biology (Distinction)** UCLouvain
- 2014 – 2020 **Secondary School** Saint Jean-Baptiste (Wavre)
Sciences and Math options
- 2008 – 2014 **Primary School** Ecole du centre de Rixensart

Side Projects

- Atlas of Orthoptera of Famennes** "Jeunes et Nature" is a non-profitable organisation that is currently doing a census of orthoptera in Famennes. I am part of this project, contributing on the field, writing and doing spatial and statistical data analysis in R.
- Volunteer Instructor** I lead nature education workshops (ornithology, botany, entomology) at "Jeunes et Nature" for youth aged 16-30, blending theory and fieldwork. This role has strengthened my skills in group management and science communication.

Interests

- Technology** Linux/Unix and open source projects
- Sports** Bike and Running
- Music** Guitar and Bass
- Other** Naturalism, Board games

January 28, 2026

Léopold Guyot