



Léopold Guyot

Biology and Bioinformatics

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

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 Sciences and Math options	Saint Jean-Baptiste (Wavre)
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