



Léopold Guyot

Bioinformatics student

- 13 september 2002
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About Me

Passionate about bioinformatics and scientific research. My internship experience in single-cell proteomics ignited a profound interest in this captivating domain, propelling me to delve deeper into proteomics analysis, driven by a fervent desire to expand my knowledge and expertise in the field.

Languages

- English B2
- French C2

Hard Skills

- Python
- R
- Excel
- PowerPoint
- LaTeX
- Github/Git

Soft Skills

- Motivated
- Teamwork
- Problem solving

Work Experience

- July 2023 **Internship in the CBIO lab in single cell proteomics** CBIO - DeDuke 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
- 2019 **Contrat Rivière Dyle-Gette** SPW
Control of aquatic invasive species

Education

- 2023 – now **Master in Bioinformatics** Université Libre de Bruxelles
- 2020 – 2023 **Bachelor in Biology** UCLouvain
Including informatics courses
- 2014 – 2020 **Secondary School** Saint Jean-Baptiste (Wavre)
Science and Math options
- 2008 – 2014 **Primary School** Ecole du centre de Rixensart

Side Projects

- scpGUI** scpGUI is a shiny app that I am currently building in collaboration with the CBIO lab. It will serve as a graphical interface of the Bioconductor package "scp" developed by Christophe Vanderaa and Laurent Gatto. It is planned that this app will be submitted on Bioconductor in the form of a package.
- Atlas of Orthoptera of Famennes** Jeunes et Nature is a non-profitable organisation (similar to JNM, Jeugdbond voor Natuur en Milieu in vlanderen) 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.

Interests

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