

Laurine Leray

PhD student with a background in biotechnology and biology



CONTACT

Copenhagen, Denmark

+45 46 20 77 63

laule@envs.au.dk

—

SKILLS

Languages

French (mother tongue)

English (C1)

German (A2)

IT skills

Word, Excel, R, Python,
SQL, QGIS

Driving licence

—

PERSONAL INTERESTS

Reading novels in both
French and English

Runner since 2016 (up to 15
km)

Cooking

Practicing theater

Circular economy,
second-hand

PROFESSIONAL EXPERIENCE

PhD student - EMBARQ project (ongoing)

Aarhus University (Roskilde) - Department of environmental science - from Nov. 2025
Topic: potential impacts of chlorinated ethenes bioremediation on groundwater microbiomes

Technician working on data

Agence de l'eau Loire-Bretagne (water agency) - Oct. 2024 to Jan. 2025
Converted old water quality data into the correct format to import it into the software, analyzed data from a geochemical backgrounds study (qgis and Excel), analyzed PFAS water contamination data (R and Excel)

Intern - Effects of methane contamination on methane oxidation genes in marine bacterioplankton

University of Gothenburg - Algal and Microbial Ecotoxicology - March to Aug. 2024
Extracted and purified DNA from bacterioplankton, quantified genes by qPCR, optimized qPCR for target genes, did literature review and data analysis (R), did oral presentations about the project

Intern - Review and assessment of hazardous substances in plastics

Norwegian University of Science and Technology - March to June 2023
Plastchem project: merged data from 5 existing databases, did literature review and data analysis, tried classification methods

Intern - Consultant: environmental impact of the textile industry

La Belle Empreinte – Paris - Sept. 2022 to Feb. 2023
Used the software of La Belle Empreinte to evaluate the impact of the products, tested and helped improving the tools and software, made PowerPoint presentations to train the brands, contacted experts on scientific topics

Intern in bioinformatics - Abundance of butyrate and propionate marker genes in metagenomic cohorts in the case of dysbiosis

INRAE – Jouy-en-Josas - May 2022 to Aug. 2022:
Automation of the data processing (Python and Snakemake), data analysis (R)

EDUCATION

Post-graduate studies - engineering degree

AgroParisTech (Paris), 2020-2024

- 1st and 2nd year: general courses in life science
- Gap-year (2022-2023): 2 internships
- 3rd year (Masters 2 level): "From assessment to management of toxicological risks for the health of ecosystems and humans" (Métatox)

Classes Préparatoires, a 2-year post A-level intensive course in biology, biotechnology, chemistry, mathematics and physics

Lycée Théodore Monod (Le Rheu), 2018-2020

Science Baccalauréat (equivalent to A-level) in biotechnology

Lycée Bourg Chevreau (Segré), 2018