



CLÉMENT POUPELIN

Statistician

EXPERIENCE

Statistician engineer Bilille platform (Unit PLBS)

Jan 2025 – Jan 2026

- Ensure the implementation and management of biological data analysis projects (omics, clinical, imaging, etc.) using appropriate statistical tools
- Multimodal data analysis as part of an RHU project on Amyotrophic Lateral Sclerosis (ALS)
- Statistical analyses as part of an article on predicting the severity of Parkinson's disease and cognitive decline using blood ferroptotic biomarkers
- Participation in internal platform development projects

Statistician engineer INRAE Ile-de-France (Unit MaIAGE)

Oct 2024 – Dec 2024

Exploratory meta-analysis of public datasets of different microbial ecosystems of the food chain

- Application of data science skills applied to microbial ecology
- Participation in a pilot project promoting open science/open data
- Work around microbial network inference methods
- Creation of a quarto blog reporting on the work carried out:

http://clement.poupelin.pages.mia.inra.fr/blog_open16s/



End of study internship INRAE Ile-de-France (Unit MaIAGE)

Apr 2024 – Sep 2024

- Acquisition of data science skills applied to microbial ecology
- Discovery of statistical methods used in meta-analyses
- Creation of a quarto blog reporting on the work carried out:

http://clement.poupelin.pages.mia.inra.fr/open16s_blog/



Challenge Data

Jan 2024

Third prize out of 189 participants for the challenge proposed by Owkins: Detection of the PIK3CA mutation in breast cancer <https://challengedata.ens.fr/challenges/98>
Challenge carried out as part of the common statistical learning course at central Nantes



Study Buddy Nantes Université

Sep 2023 - Sep 2024

Commitment to the association for the implementation of support for foreign students.

Claims advisor MAIF - part-time permanent contract

Jun 2021 – Aug 2023

Volunteering FEMA (Festival La Rochelle Cinéma)

Jul 2023 and Jul 2024

Education

UFR Sciences et techniques Nantes Université

Master in Mathematics and Applications - Statistical Engineering

2022 - 2024

Preparation for careers as a high-level statistician, capable of manipulating, synthesizing and analyzing data from all types of applications:

- Analysis and modeling from large volumes of data (Big Data)
- Modeling and prediction of time/chronological series
- Implementation of Bayesian and machine learning techniques

Bachelor in Mathematics

2018 - 2022

Acquisition of different skills linked to mathematics and their derivatives

Highschool François Rabelais Fontenay-le-Comte

2016 - 2018

Personal website

<http://clement-poupelin.github.io>



CONTACTS

06 42 68 24 77

clementjc.poupelin@gmail.com

Clément Poupelin



Permis B

SKILLS

- French (native)
- English (B2+)
TOEIC 880
- German (B1)
- R/Rstudio
- Python
- LaTeX
- SAS
- SQL
- Git (GitLab, GitHub)
- Linux/Windows
- MS 365

Working group

- StatOmique

INTERESTS

- Cinema
- Music (guitar, bass, cam)
- Travel (Japan, England, Germany, Belgium)
- Hiking
- Sport (badminton, volley-ball, climbing)