

# Florence Ghestem

*Ph.D* candidate in Biostatistics based in Paris, France. I am specializing in genotype-phenotype associations through high dimensional data integration.

## Contact Info

CESP, INSERM, Paris

Personal website

LinkedIn

ORCID

GitHub

## Skills

### IT

- R, Python, and Bash languages
- SQL (Bigquery) and NoSQL database management
- Code versioning and project management with GitHub
- Development environment based on GCP and Docker
- Writing tools, reference management (Zotero, Quarto)
- Office suite (Word, Excel, PowerPoint)

### Languages

- English: C1 level (TOEIC 975 points)
- Spanish: B2 level

## Experience

### *Ph.D* Student in biostatistics

*September 2024 - Today*

CESP - INSERM, Villejuif, France

- Develop methods for integrating deep and multiscale phenotypic data.
- Identify genotype-phenotype associations with significant biological implications.

### Consultant in biostatistic

*September 2022 – September 2024*

IT&M Stats, Boulogne-Billancourt, France

- Statistical analysis of studies aiming to link skin biomarkers with clinical signs (PLS, factorial analyses, mixed models).
- Monitoring and project management of a cohort of 10,000 people.
- Bibliographic research.

### Internship - Statistician

*March 2022 – September 2022*

Chanel, Paris, France

- Data management: creation of a clinical results database.
- Data visualization, descriptive statistics, structural equation models.

## Education

### Master of Science in Data Sciences for Biology

*2019-2022*

Institut Agro, Rennes, France

- Factorial analysis, machine learning, computer science, economics, statistics applied to perception data.
- Thesis: Construction and Evaluation of Clinical Performance Scores

### Diploma in Technological Studies

*2017-2019*

Avignon Univeristy, Avignon, France

- Major in Biological Engineering
- Statistics, bioinformatics, genetics, plant, and animal biology.