

BERAUD

Mélanie

melanie.beraud@gmail.com
+33(0) 6.67.02.75.87

Current home address: Suburban, Paris, France
LinkedIn, ResearchGate: Melanie Beraud
Github: Github/kumquat42

Data Scientist, Data analyst

Ph.D. Microbiology/Molecular Biology, Senior Technician Biotechnology

Programming
Data Visualisation

Machine Learning

Big Data
Scraping
Media
OS

Data Scientist

Python, R, VBA for Excel

Python (pandas, plotly, seaborn, Dash, Streamlit), Excel, R
(Statistics and big data)

Supervised, Unsupervised (sklearn), Deep-Learning
(TensorFlow)

SQL, Spark, PySpark, Databricks, AWS, Google

Scrappy, requests

IDE, Notebooks, Scripts, Terminal

Windows, Linux

Molecular Biology/Microbiology

Mutagenesis & screening, qPCR, PCR

Web-servers and platforms, Genome browsing, sequence
analysis, proteomic analysis

Protein Expression and Purification, HPLC/UPLC, Mass
Spectrometry (MS : ESI, MALDI, SELDI), Blots

E. coli, *Salmonella*, *B. subtilis*, environmental strains, fungi, L2
safety protocols

Soft skills

Languages

French (C2), English (C1-C2), German (B1), Dutsch (A1) &
Japanese (jlpt-N5)

Management
Myself

Reporting, Talks, Paperwork, People Management, Tutoring
Adaptable, Amenable, Self-learner

Cloning & Mutagenesis
Genomics

Biochemistry

Microbiology

melanie.beraud@gmail.com, +33(0) 6.67.02.75.87

Updated 2024.02

BERAUD Mélanie

Data Scientist, Ph.D Microbiology/Molecular Biology

LinkedIn, ResearchGate: Melanie Beraud, **Github:** Github/kumquat42
melanie.beraud@gmail.com, +33(0) 6.67.02.75.87

Education

Data Science

Bootcamp Full Stack at Jedha Bootcamp,
MOOCs (Statistics using R, Big Data, Python)

*Final project : Web application for human emotion detection
aiming at children suffering from autistic syndrom*

Biology

University education in Molecular Biology, Genomics,
Technical degree in Biotechnology,
MOOCs (Genomes and algorithms, Crystallography)

Selected previous employments

2023 - Lycée Galilée

Teacher in Biotechnology (Technical degree and high-school), Genevilliers, France

2020/22 – Seqlab

Operative manager of the Illumina sequencing platform,
Genoscope, CEA, France

2017/20 – LIPOFABRIK

Strain engineer, Lille, France

2013/17 – Proteomic &
Microbiology Dpt

Environmental community engineer, Mons University, Belgium

2011/13 – MPI
Biochemistry

Chromosomal segregation specialist, München, Germany

Association and hobbies

My personal treats

I like books, all kind of puzzles, board games and I am very fond of all kind of threads and knots (to knit, to hook, to sew)

Data4Good

Data scientist and analyst working together on projects having an environmental and social impact

MeepleClub

I am an active member and user of a board game association in my home-town. We play and organize public-events

StaPa

Young Researchers association at 'Institut Pasteur' for scientific and leisure events

More info and publication record on demand.