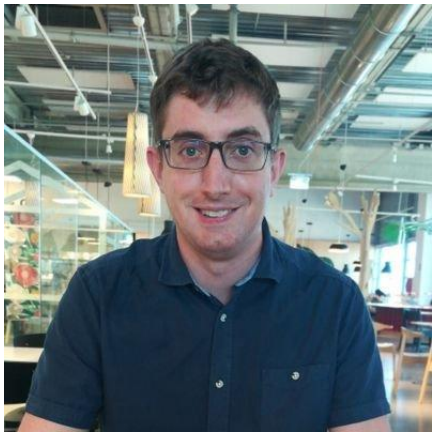

Jonathan Kitt

Lab technician

Contact

8 rue de la Morge, 63410 Vitrac

+0033 612052748

jonathan.kitt@proton.me

jonathankitt.netlify.app

KittJonathan

Skills

R

Shiny

git

Education

2024-2025

D.U. Data Scientist

Université Clermont Auvergne

2011

D.U.T. Génie Biologique

IUT A de Lille

Summary

Currently working on the diversity of bread wheat genomics, my activities focus on conducting data analyses. I have some training in different aspects of the R langage: data wrangling, text mining, Shiny web apps, statistical analyses. I also have some good knowledge of the good practices in coding and in reproducible research (FAIR practices, git).
Alongside the "in person" training sessions I attended, I have developed my coding skills thanks to the resources available online (textbooks, tutorials, videos, challenges).
Back in 2022, I started preparing coding tutorials for my research lab colleagues, and I have since then giving regular coding workshops.
I really appreciate the active and helping online R community, and I have contributed to that community by creating and maintaining a data R package, by contributing to two R packages, and by fixing typos in online textbooks.

Experience

Lab technician — **2013 - Present**

Genetics, Diversity, and Ecophysiology of Cereals,
INRAE UMR GDEC 1095

After working on molecular biology techniques (DNA micro-array genotyping, ChIP-Seq), my work mainly focuses on data analysis, e.g. conducting Genome-Wide Association Studies to detect QTLs involved in resistance to biotic and abiotic stresses, and detection of Structural Variations in the bread wheat genome.

Assistant Engineer — **2011 - 2013**

Evo-Eco-Paleo Laboratory,
UMR CNRS 8198

I worked on molecular biology techniques (PCR, KASPar genotyping, Sanger sequencing, 3'-RACE)

Projects

See my github profile for a detailed list of open source projects.

R package
Creator and Maintainer

datardis

R packages
Contributor

werpals, datefixR

Online textbooks
Fixed typos

R for data science (2ed), Computational Genomics with R

Professional training

2024
Mixed models and ANOVA (4 days)
Introduction to Python (3 days)

2023
Statistics with R (3 days)

2022
Advanced data wrangling in R (3 days)
Introduction to text mining (2 days)
Development of Shiny web apps (3 days)
FAIR practices (20 hours)

2021 Introduction to the command line (20 hours)
Introduction to the use of cluster calculation (20 hours)
Statistics - predictive models (3 days)
Statistics - multivariate analyses OMICS (4 days)

2019 Statistics - Fundamentals (4 days)
Bioinformatics - Bash (6 hours)

2015
Bioinformatics (12 days)

2014
First steps with R (3 days)