

Joffrey Joumaa

Data Scientist

Summary

Data Scientist with 3+ years of experience working for Start-up and Top Companies. Achievements include:

- PhD in a quantitative data science discipline involving motion sensors for wildlife
- development of a forecasting model for a company's greenhouse gas emissions, reducing calculation time from several days to a few minutes
- implement a Self-Service Business Intelligence approach in a leading international logistics company with Tableau product suite

Highly skilled in machine learning, data visualization, and creative thinking.

Experience

Currently	Data Scientist – UCSC (CA, US)	CA, US
2020 - 2021 (17 months)	Data Scientist – THEGREENDATA (Paris, France) <ul style="list-style-type: none">→ Time Series Forecasting, Classification, Monte-Carlo simulation (Git, Python)→ Web app (Git, Shiny, Dash/Plotly)	Paris, France
2018 - 2020 (17 months)	Data Consultant – SÆGUS (Paris, France) <ul style="list-style-type: none">Data Scientist - GROUPAMA<ul style="list-style-type: none">→ Leverage data to improve customer experience (Spark, Dataiku)→ Conversion rate models (Python, Dataiku)Tableau Practice Leader - BOLLORÉ LOGISTICS<ul style="list-style-type: none">→ Support & Expertise with Tableau (Desktop, Prep and Server)→ Creation of a Data Vizualisation poleData Analyst - L'ORÉAL<ul style="list-style-type: none">→ Creation, maintenance & support of data viz (Domo)→ Worldwide context (> 3500 users, 64 countries)	Paris, France
2018 (4 months)	Biostatistician – IT&M STATS (Paris, France) <ul style="list-style-type: none">Biostatistician - Da Volterra<ul style="list-style-type: none">→ Statistical analysis for 16S metagenomic data→ Management of subcontracting analyses	Paris, France
2017-2018 (7 months)	Data Analyst – MALAKOFF MÉDÉRIC (Paris, France) <ul style="list-style-type: none">→ Customer call reminder segmentation - « Customer Services » Department• Text Mining (Topic Modeling, Regular Expression, Cloudword)	Paris, France
2016–2017	Gap year (France) <ul style="list-style-type: none">→ Writing Scientific Papers & Postdoc Projects, MOOCs	France
2013–2016 (38 months)	PhD – CNRS (UK & France) <ul style="list-style-type: none">• Regression (Logistic, Linear, Additive, etc.)• Classification (Random Forest, K-means, KNN, SVM, etc.)• Statistics (Multivariate Analysis, PCA, etc.)• Signal Processing (Spectral Estimation, Signal Filtering)	France & UK

Education

2013–2016	PhD in Quantitative Ecology	University of La Rochelle, La Rochelle, France
2012–2013	2nd year of MSc in Biodiversity, Ecology and Evolution	University of Paul Sabatier, Toulouse, France
2011–2012	University degree Discovery of the business world	University of Bretagne Occidentale, Brest, France
2009–2010	BSc in Biology - Biochemistry	University of La Rochelle, La Rochelle, France

PERSONAL INFO

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Website

sesjo.github.io/portfolio/*



LANGUAGES

French	●●●●●
English	●●●●○
Spanish	●●○○○

TECHNICAL SKILLS

R (data.table, dplyr, ggplot2, caret, shiny...)	●●●●●
LaTeX	●●●●●
Python (pandas, scikit-learn, dash, matplotlib, ...)	●●●●○
Git	●●●●○
Tableau	●●●●○
SQL	●●●●○
Dataiku	●●●●○
Matlab	●●●○○

HARD SKILLS

Machine Learning	Data Visualization
Quantitative Analysis	Statistics
Data Wrangling	