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 discipline involving motion sensors for wildlife
- development of a greenhouse gas emission forecasting model, reducing calculation time from several days to a few minutes
- implemented a Self-Service Business Intelligence approach in a leading international logistics company with the Tableau product suite
- the publication of eight scientific papers in highly ranked journals

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) — Paris, France
- ➜ Time Series Forecasting, Classification, Monte-Carlo simulation (Git, Python)
- ➜ Web app (Git, Shiny, Dash/Plotly)

2018 - 2020 (17 months) | **Data Consultant – SÆGUS** (Paris, France) — Paris, France

Data Scientist - GROUPAMA
- ➜ Leverage data to improve customer experience (Spark, Dataiku)
- ➜ Conversion rate models (Python, Dataiku)

Tableau Practice Leader - BOLLORÉ LOGISTICS
- ➜ Support & Expertise with Tableau (Desktop, Prep and Server)
- ➜ Creation of a Data Vizualisation pole

Data Analyst - L'ORÉAL
- ➜ Creation, maintenance & support of data viz (Domo)
- ➜ Worldwide context (> 3500 users, 64 countries)

2018 (4 months) | **Biostatistician – IT&M STATS** (Paris, France) — Paris, France

Biostatistician - Da Volterra
- ➜ Statistical analysis for 16S metagenomic data
- ➜ Management of subcontracting analyses

2017-2018 (7 months) | **Data Analyst – MALAKOFF MÉDÉRIC** (Paris, France) — Paris, France
- ➜ Customer call reminder segmentation - « Customer Services » Department
- • Text Mining (Topic Modeling, Regular Expression, Cloudword)

2016–2017 | **Gap year** (France) — France
- ➜ Writing Scientific Papers & Postdoc Projects, MOOCs

2013–2016 (38 months) | **PhD – CNRS** (UK & France) — France & UK
- • Regression (Logistic, Linear, Additive, etc.)
- • Classification (Random Forest, K-means, KNN, SVM, etc.)
- • Statistics (Multivariate Analysis, PCA, etc.)
- • Signal Processing (Spectral Estimation, Signal Filtering)

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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linkedin/in/joffreyjoumaa*

Website
sesjo.github.io/portfolio/*

Languages

Language	Level
French	●●●●●
English	●●●●○
Spanish	●●○○○

Technical Skills

R
(data.table, dplyr, ggplot2, caret, shiny...)
●●●●●

LaTeX
●●●●●

Python
(pandas, scikit-learn, dash, matplotlib, ...)
●●●●○

Git, Docker, Quarto
●●●●○

Tableau
●●●●○

SQL
●●●●○

Dataiku
●●●○○

Matlab
●●●○○

Hard Skills

Machine Learning | Data Visualization

Quantitative Analysis | Statistics

Data Wrangling