

# Rémi de Fleurian

## Data Scientist

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## Skills

Programming	<b>R</b> for full data ecosystem (tidyverse, tidymodels, lme4, boot, ggplot2, rvest, rmarkdown, shiny) <b>Python</b> for data manipulation and model training (numpy, pandas, sklearn, pomegranate) <b>MATLAB</b> for research-specific toolboxes (mirtoolbox, miningsuite, gooselab) <b>SQL</b> for large-scale ETL (BigQuery, Redshift) using modern syntax (CTEs, window functions, etc.) <b>GCP</b> and <b>AWS</b> for cloud computing, <b>Git</b> for version control, and <b>LaTeX</b> for typesetting
Analysis	Machine learning, modeling, inferential and nonparametric statistics, time-series analysis, A/B testing

## Experience

Spotify Dec 2021 – Present	<b>Data Scientist II</b> <ul style="list-style-type: none"><li>• Conducting research and developing metrics to understand consumption of personalized content</li><li>• Evaluating impact of new features on user satisfaction with Spotify recs through experimentation</li></ul>
Datacubed Health Oct 2021 – Dec 2021	<b>Data Scientist – Contract</b> <ul style="list-style-type: none"><li>• Prepared AWS EC2 instance for data science work, including environment setup</li><li>• Provided tutorials for SSH authentication, shell scripting, and remote computing</li><li>• Implemented automated, audit-compliant data QA process involving Github/Jira integration</li><li>• Ported survival analyses to Sisense, using remote model fitting via Rserve</li></ul>
Alliance for Downtown NY Jan 2021 – Aug 2021	<b>Data Science Fellow – Part-time</b> <ul style="list-style-type: none"><li>• Automated yearly matching process between buildings databases for property tax calculation</li><li>• Developed visualizations estimating pedestrian activity in Downtown NY</li></ul>
The Guardian Jul 2019 – Sep 2019	<b>Data Journalism Fellow – Internship</b> <ul style="list-style-type: none"><li>• Selected by Google for the 2019 fellowship with the Guardian's Visuals and Data teams</li><li>• Conducted background research, text mining, and data visualizations for articles and live news</li></ul>
House of Greenland Dec 2015 – Mar 2020	<b>Senior Data Analyst – Part-time</b> <ul style="list-style-type: none"><li>• Integrated timesheet, capacity, and billing data</li><li>• Designed project dashboard template to ensure accurate budget tracking</li><li>• Automated monthly reports for company-wide time allocation</li></ul> <b>Senior Operations Coordinator – Part-time</b> <b>Producer</b>
Project Education Oct 2014 – Nov 2015	<b>Educational Consultant</b>

## Education

QMUL 2016 – Present	<b>PhD in Cognitive Science</b> <ul style="list-style-type: none"><li>• Conducted research for dissertation on computational modeling of music-evoked chills</li><li>• Published three peer-reviewed articles and presented work at four international conferences</li><li>• Led statistics and coding workshops for research staff and taught classes for graduate students</li><li>• Completed coursework focused on quantitative, programming, and research skills</li></ul>
Goldsmiths 2012 – 2013	<b>MSc in Music, Mind, and Brain</b> <ul style="list-style-type: none"><li>• Conducted research for thesis on information-theoretic measures of rhythm complexity</li></ul>
BSO 2009 – 2012	<b>BSc in Osteopathic Studies</b>