

DRAGOS MOLDOVAN-GRÜNFELD

A data scientist with a strong multidisciplinary background and 5+ years' experience in applying analytical techniques to commercial and regulatory challenges.



SELECTED POSITIONS

present
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2018

Data Scientist

Mango Solutions

📍 London, UK

- Built data-cleaning and wrangling pipelines.
- Developed client R packages to handle tasks, such as: data ingestion, data cleaning, data wrangling, feature engineering and predictive modelling.
- Predicted propensity to churn for a client in the leisure industry using gradient boosted trees.
- Forecasted sales of several drug-country combinations for a pharmaceutical company using various time series and machine learning models.
- Developed and improved R training materials.
- Tested multiple R packages using the {testthat} testing framework as part of [ValidR](#).

2017
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2016

Data Scientist/ Statistician

Department for Business, Energy and Industrial Strategy

📍 London, UK

- Improved the quality of the UK business register.
- Linked education and revenue data for the first time in the UK (the Longitudinal Education Outcome dataset).
- Automated the production of official statistical publications by moving from SPSS, Excel, and Word to SQL, R and RMarkdown.
- Built a geospatial machine learning model using a density-based spatial clustering algorithm to inform the UK industrial strategy.
- Created and delivered introductory-level training courses in R and QGIS.

2015
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2014

Assistant Manager

Cycle Surgery

📍 London, UK

- De facto ran one of the biggest cycling shops in London with 20+ staff.
- Maintained high standards and increased sales turnover by 20 percent.

2013
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2007

Analyst

Romanian Financial Supervisory Authority

📍 Bucharest, RO

- Represented the Commission and Romania in technical working groups at EU and national level.
- Gathered, interpreted, analysed data and developed solutions to policy challenges.
- Produced and delivered research insights into relevant areas (e.g carbon trading, investor protection, etc.).

2005
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2004

Programme Manager

Center for Protected Areas and Sustainable Development - Bihor

📍 Oradea, RO

- Coordinated the most complex programme of the NGO: the Apuseni Experience ecotourism programme.
- Designed, developed and implemented the first business plan.



EDUCATION

2006
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2005

MSc Environmental Sciences and Policy

Central European University

📍 Budapest, HU

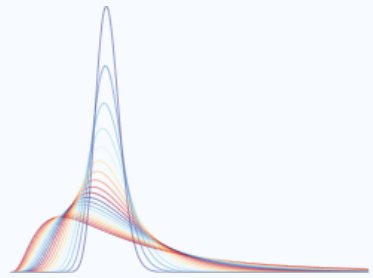
- Outstanding Academic Achievement Award (highest GPA)

2003
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1999

BA Sociology with Statistics

Babes-Bolyai University

📍 Cluj-Napoca, RO



CONTACT

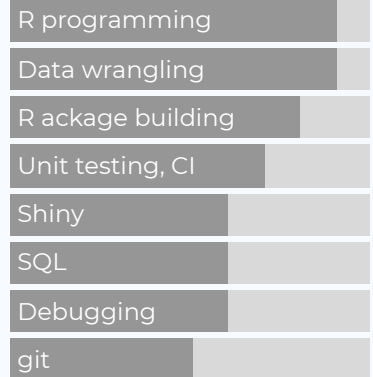
✉ dragos.mold@gmail.com

🐦 [@dragosmg](https://twitter.com/dragosmg)

🌐 github.com/dragosmg

📞 +44 7857 248864

TECHNICAL SKILLS



OPEN SOURCE CONTRIBUTIONS

Contributed to several R packages, such as:

{usethis}, {lintr}, {devtools}, {demoR}

Made with the [pagedown](#) R package.

Source code: github.com/dragosmg/cv.

Last updated on 2019-12-03.