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

Data Scientist

present | 2018

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.

Data Scientist/ Statistician

2017 | 2016

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.

Assistant Manager

2015 | 2014

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.

Analyst

2013 | 2007

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.).

Programme Manager

2005 | 2004

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

MSc Environmental Sciences and Policy

2006 | 2005
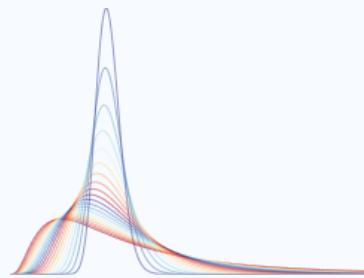
Central European University

📍 Budapest, HU

· Outstanding Academic Achievement Award (highest GPA)

BA Sociology with Statistics

2003 | 1999
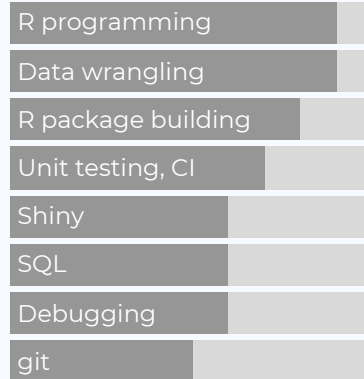
Babes-Bolyai University

📍 Cluj-Napoca, RO

CONTACT

✉ dragos.mold@gmail.com
🐦 @dragosmg
🐙 github.com/dragosmg
📞 +44 7857 248864

TECHNICAL SKILLS

R programming
Data wrangling
R package building
Unit testing, CI
Shiny
SQL
Debugging
git

OPEN SOURCE CONTRIBUTIONS

Contributed to several R packages, such as:

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