DRAGOS MOLDOVAN-GRÜNFELD

A full-stack data scientist passionate about extracting value from data, Dragos has over 4 years' experience in applying advanced analytical techniques to commercial and regulatory challenges. An enthusiastic learner, Dragos is an accomplished trainer and enjoys mentoring and assisting others on their learning journey.

🧳 EXPERIENCE

present | 2018

Data Scientist
Mango Solutions   📍 London, UK

- Built data-cleaning and wrangling pipelines flowing into machine learning processes.
- 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 | 2016

Data Scientist/ Statistician
Department for Business, Energy and Industrial Strategy   📍 London, UK

- Improved the robustness of the UK business register data by using metadata to assess its quality and revamping some outdated imputation methodology.
- Linked education and revenue data for the first time in the UK to chart the transition of graduates into the workplace (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 | 2014

Assistant Manager
Cycle Surgery   📍 London, UK

- Ran one of the biggest cycling shops in London with 20+ staff. Increased year-on-year turnover by 20 percent.

2013 | 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 | 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 its first business plan.
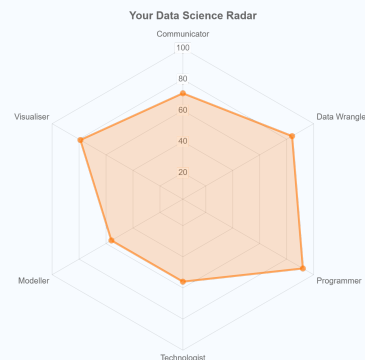
🎓 EDUCATION

2006 | 2005

MSc Environmental Sciences and Policy
Central European University   📍 Budapest, HU

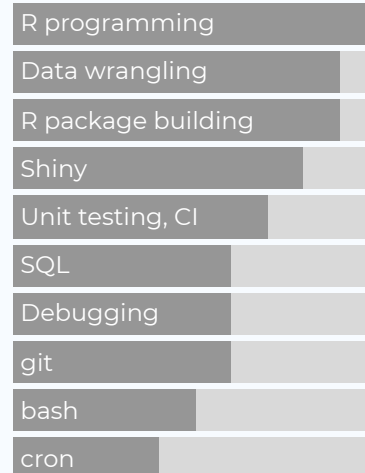- Outstanding Academic Achievement Award (highest GPA)

Your Data Science Radar

CONTACT

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

TECHNICAL SKILLS

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

OPEN SOURCE CONTRIBUTIONS

R packages:

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

Books:

  Advanced R, by Hadley Wickham

*Made with the **pagedown** R package. Source code: github.com/dragosmg/cv. Last updated on 2020-07-01.*

2003
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1999

BA Sociology with Statistics
Babes-Bolyai University

Cluj-Napoca, RO