

# MASSIMILIANO RUSSO

## SENIOR DATA SCIENTIST

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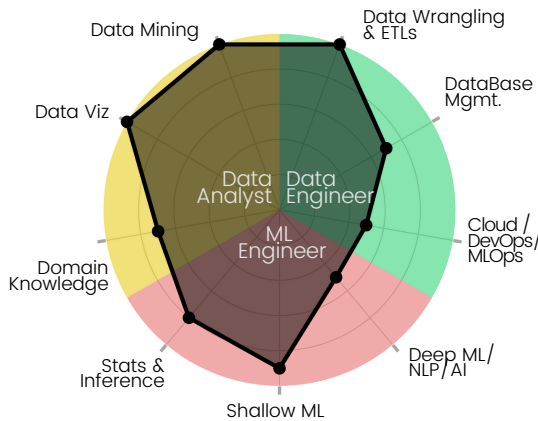
linkedin.com/in/mrusso-me/

kaggle.com/rusiano



MSc in Data Science with an international background and 6+ years of experience in DS with a wide array of tools and tasks. Versatile across all major DS areas, with strong coding, data viz and communication skills. Critical thinker; fast and continuous learner; passionate teacher. Home cook and aspiring polyglot in my free time. I look for a stimulating professional environment that can feed my professional ambition. Currently, I am after a more modelling/ML-oriented position (statistical/predictive modelling, experiment design, ...).

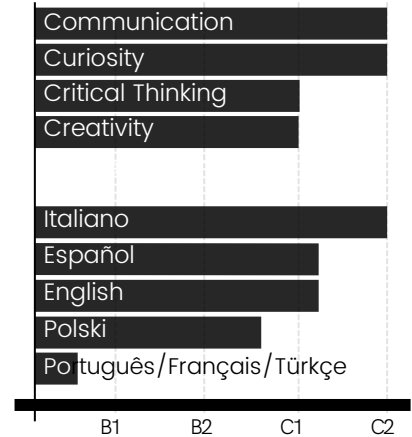
### DS PROFILE



### DS TECH STACK

Deployment	
Data Visualization	
Modelling	
Data Transform.	
Databases & Warehousing	
Languages	

### SOFT SKILLS



### WORK EXPERIENCE

#### # DATA SCIENTIST [JUNIOR -> SENIOR]

IE UNIVERSITY | SEP '18 - PRESENT | MADRID, ES

- **Data Acquisition & ETLs:** Implemented numerous (10+) ETL pipelines in Python on AWS;
- **Visualization:** Developed numerous (10+) Flask apps for dataviz & reporting using Dash+Plotly; solid experience with Matplotlib;
- **Stats, ML & AI:** Took part in multiple projects that leveraged stats (inference), ML (prediction models) and AI, especially GenAI (e.g. student chatbots);
- **Project Management:** Managed outsourced DS/ML & AI projects, as well as people (setting priorities, defining deadlines, ...);
- **Architecture & DevOps:** Promoted and Introduced major improvements in architecture (e.g., AWS Batch) and operations (Docker, CI/CD);
- **Traditional Software Development:** Implemented multiple data-driven solution to problems in the Academic area, e.g. estimate physical attendance & compute students' online attendance during the COVID-19 pandemic;
- **Strategy & Data Translation:** Unlocked the adoption of Learning Analytics within the organization;

#### # ADJUNCT PROFESSOR

IE UNIVERSITY | OCT '19 - PRESENT | MADRID, ES

- Taught Python for DS and applied ML to staff & faculty, as well as Introduction to Programming (Python) to BBA students;
- Reached ~150 students and ~150h of teaching (F2F & Online);
- Received awards for excellent teaching quality.

#### # DATA SCIENTIST [INTERN]

IE UNIVERSITY | MAR - AUG '18 | MADRID, ES

- Established some foundation blocks for Learning Analytics inside the institution;
- Implemented & deployed the first ever in-house ML model predicting students' academic success in online programs;

#### # ANDROID DEVELOPER [JUNIOR]

FREELANCE | APR 2016 - AUG 2016 | ZAGREB, HR

Helped a small startup with the development of a mobile app (dating app with gamification elements) for Android in Java.

### EDUCATION

#### # M.SC. DATA SCIENCE

EIT DIGITAL ACADEMY  
(TECHNISCHE UNIVERSITEIT EINDHOVEN +  
UNIVERSIDAD POLITÉCNICA DE MADRID) |  
SEP '16-OCT '18 | EINDHOVEN, NL & MADRID, ES

THESIS: "Learning Analytics in Small Private  
Online Courses: a Case Study"

#### # B.SC. COMPUTER SCIENCE

UNIVERSITÀ DEGLI STUDI MILANO-BICOCCA |  
SEP '12 - MAR '16 | MILANO, IT

THESIS: "Time-series Mining for  
Forecasting and Anomaly Detection in  
Vehicle Traffic Volumes"

#### # APPLIED DATA SCIENCE WITH PYTHON SPECIALIZATION

COURSERA | MAR - MAY '19 | ONLINE

#### # DATA SCIENCE & ML BOOTCAMP

UDEMY | NOV '18 - FEB '19 | ONLINE

### SIDE PROJECTS

#### # GOOGLE FOOBAR CHALLENGE

FEB - SEP '22

Completed the secret hiring challenge by Google. It requires exceptional coding and algorithmic skills.

#### # PARALLELLY DISTRIBUTED LOGISTIC REGRESSION FOR LARGE SCALE SPAM DETECTION

UNIVERSIDAD POLITÉCNICA DE MADRID |  
DEC '17 - JAN '18

Implemented a full Logistic Regression  
Algorithm from scratch using a map-  
reduce approach with PySpark.