

Pietro Lesci

lescipietro@gmail.com

INDUSTRY EXPERIENCE

BAIN & COMPANY | DATA SCIENCE SENIOR ASSOCIATE

March 2020 – present | Milan, IT

- Development of an internal Python library for NLP
- Predictive maintenance in hydropower plants for an Italian company
- Segmentation on behavioural data for an Italian toll company
- Brand penetration maps for an Indian company in the beverages sector
- Data engineering (collaboration, CI/CD, ETL), MLOps
- Deployment of NLP end-to-end solutions

HDM GROUP | EXTERNAL DATA SCIENCE CONSULTANT

January 2020 – February 2020 | Pavia, IT

- Development of a proof-of-concept time-sheet management tool for an Italian company in the energy sector

EUROPEAN CENTRAL BANK | DATA SCIENCE TRAINEE

February 2018 – November 2018 | Frankfurt am Main, DE

- Data quality management of the private and public sector granular master data for the Directorate of General Statistics
- Database reconciliation: lead of the RIAD–GLEIF project
- Selected member of the RIAD–AnaCredit task force with experts from the National Central Banks and the financial sector
- Speaker during regular plenary meetings with experts from the National Central Banks (reserved only to a restricted group of trainees)
- Automation of a data ingestion and deduplication procedure (80% efficiency gain) used in the computation of the Euro Short-Term rate
- Development of automated internal reports and dashboards
- Production of statistical reports published on the ECB website

RESEARCH EXPERIENCE

BOCCONI UNIVERSITY | RESEARCH COLLABORATOR (20%)

March 2020 – present | Milan, IT | Prof. Dirk Hovy

- Focusing on meta-learning and active learning in NLP – ongoing collaboration with Prof. Andreas Vlachos and Trapit Bansal
- Development of machine learning web-apps: *Wordify*, *MACE*, and *Quica*

BOCCONI UNIVERSITY | RESEARCH ASSISTANT

August 2019 – March 2020 | Milan, IT | Prof. Dirk Hovy

- Member of the Data and Marketing Insights research unit at the Bocconi Institute for Data Science and Analytics
- Worked on a Twitter-funded project for the identification of echo chambers and online abuse focusing on methods for the inclusion of covariate information in word-embeddings (under review)

EXTRACURRICULAR PROJECTS

- Enrolled in the BSc in Jazz, GPA 29.7/30; Classical Piano (12 years); Bass Guitar (10 years); Sol-Fa degree and Piano 5th year diploma
- Volunteering at Associazione “Il Sorriso” ONLUS
- Organist and Choir Director
- Singer, bassist, and arranger in jazz ensembles and a rock trio

EDUCATION

BOCCONI UNIVERSITY

MSc ECONOMIC AND SOCIAL SCIENCES

Sept 2016 – Mar 2019 | Milan, IT

- Grade: 104/110
- Dissertations: *Deep Learning: A Statistical Perspective*

UNIVERSITA' CATTOLICA DEL SACRO CUORE

BSc ECONOMICS AND MANAGEMENT

Sept 2013 – Sept 2016 | Milan, IT

- Grade: 110/110 summa cum laude
- Dissertations: *Market Sentiment and Monetary Policy*

COURSEWORK

M2L Summer School, Milan 2020

GRADUATE

Bayesian statistical methods

Econometrics

Time-series analysis

UNDERGRADUATE

Macro- and Micro-economics

Algebra & Calculus

SKILLS

LANGUAGES

Italian English (fluent) French (basic)

PROGRAMMING

| | | | |
|--------|----------|-------|-------|
| Python | R | Julia | SQL |
| MATLAB | HTML/CSS | Stata | LaTeX |

TECHNOLOGIES

| | | |
|---------|----------|----------------|
| Docker | Linux | Git/Github |
| Jenkins | TravisCI | Github Actions |
| SAP BO | Tableau | Postgre/MSSQL |
| Rshiny | Dash | Flask/Nginx |
| Pytorch | JAX | TensorFlow |
| PyData | Pyro | PySpark/Dask |

LINKS

Github: github.com/pietrolesci

LinkedIn: linkedin.com/pietrolesci

Personal Page: pietrolesci.github.io

DML: dmi.unibocconi/pietrolesci