Pietro Lesci

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WORK & LEADERSHIP EXPERIENCE

Bocconi Institute for Data Science and Analytics (BIDSA) **Milan, Italy**
Research Assistant, Natural Language Processing research group August 2019

- Twitter-funded project: Identification of echo chambers and online abuse on its platform
- Topic/Sentiment Analysis (*Numpy, Pandas, Scikit-Learn, XGBoost, Matplotlib, Seaborn, PyMC3*)
- Language Modelling, Natural Language Generation/Understanding (*TensorFlow, PyTorch, Git*)
- Full-Stack development (*HTML, CSS, Flask, Gunicorn, Nginx, Uwsgi, Linux Server*): Wordify website

European Central Bank – DG Statistics **Frankfurt am Main, Germany**
Data Science Trainee, AnaCredit and Master Data February 2018 – November 2018

- Data Quality Management, Database Management (GUI and API testing), Database Reconciliation
- Development of Automated Reports and Dashboards (*SAP Business Objects, RShiny, Tableau*)
- Data Engineering, Machine Learning, Big Data Processing (*Python, R, Spark, Hadoop, Hive, SQL*)
- Selected member of the RIAD–AnaCredit task force with experts from the National Central Banks
- Head of the RIAD–GLEIF reconciliation project
- Speaker during regular plenary meetings

Moda Styl Pelle s.r.l. **Rende, Italy**
Part-time Administrative Employee, (3rd level) July 2016 – September 2017

- Accounting; Inventory management and control

EDUCATION

Bocconi University **Milan, Italy**
Master of Science in Economic and Social Sciences March 2019

- **Final Grade:** 104/110
- **Modules:** Adv Math, Adv Stat, Econometrics, Time Series Analysis, Bayesian Statistical Methods
- **Dissertation:** Deep Learning: A Statistical Perspective; *Keywords*: AI, Bayesian Deep Learning, Meta-Learning, Gaussian Processes, Deep Generative Models; *Libraries*: Pandas, Dask, Numpy, PyTorch

Catholic University of Sacred Heart **Milan, Italy**
Bachelor of Science in Economics and Management September 2016

- **Final Grade:** 110/110 summa cum laude
- **Dissertation:** Market Sentiment and Monetary Policy; *Keywords*: Agent-Based Modelling, MATLAB

High School Diploma "Liceo Scientifico E. Mattei" **Castrovillari, Italy**
- **Final Grade:** 95/100 June 2013

SKILLS, ACTIVITIES & INTERESTS

Languages: Italian (native), English (fluent), French (intermediate)

Programming Skills: Python, R, SQL, Bash, Html, CSS, Julia, MatLab, SAS, Stata, Latex, Office (ECDL)

Extracurricular Courses: Enrolled in *BSc in Jazz*, GPA 29.7/30; Academic classes of Classical Piano (12 years) and Bass Guitar (10 years), Sol-Fa degree and Piano 5th year diploma

Volunteering: Associazione "Il Sorriso" ONLUS; Organist and Choir Director at local church

Interests: Blogging about Statistics and Machine Learning; Pianist, bassist and arranger in jazz ensembles