Cristina Menghini
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GitHub: github.com/**CriMenghini**

CURRENT POSITION

- **PhD Student @ Computer Engineering** - University of Rome La Sapienza, November 2017 - Present

  - **Supervisors:** Aris Anagnostopoulos and Stefano Leonardi

  - **References:** Aris Anagnostopoulos (University of Rome La Sapienza), Stefano Leonardi (University of Rome La Sapienza) and Robert West (EPFL).

ACADEMIC DETAILS

Education	University	Field	Year
Exchange:	EPFL	Data Science	2016-2017
M.Sc (110/110 cum laude):	Sapienza University of Rome	Data Science	2015-2017
B.Sc (110/110 cum laude):	Sapienza University of Rome	Statistics, Economics and Finance	2012-2015

- **Awards:** *Stats under the stars (ySIS)* - Best qualitative and quantitative prediction, 2016. *Swiss-European Mobility Program Scholarship Winner*, 2016. *Honors student scholarship*, 2012-2015.

RESEARCH FIELDS OF INTEREST

- Machine Learning and Data mining, Algorithmic Fairness, Bias on the Web, Computational Social Science, Data-driven Education.

ONGOING RESEARCH

- Technique for diversification in recommender systems: A. Anagnostopoulos, L. Becchetti, A. Fazzone, S. Leonardi, C. Menghini, C. Schwiegelshohn. *Fair Projections and their application to clustering* to be submitted to KDD19.

- Detect bias or discrimination in Web Application.

PUBLICATIONS

- C. Menghini, J. Dehler Zuffrey, R. West. *Compiling Questions into Balanced Quizzes about Documents*. CIKM - ACM Conference on Information and Knowledge Management, 2018.

WORKING EXPERIENCES

- **Coordinator and Lecturer of Data Science Course @ SKIENDA**, January 2019 - Present
  - A comprehensive course in Data Science for SKIENDA employees.

- **Coordinator and Lecturer @ Python for Data Science** - University of Rome La Sapienza, June 2017 - Present
  - Introductory course to Python for the students of the first year of M.Sc. in Data Science.

- **Data Scientist Consultant @ Cdvet**, January 2019
  - Data analysis to propose data-driven solutions for the company.

- **Data Scientist @ Digital Transformation Team of Italian Government** - Presidenza del Consiglio dei Ministri, January 2018 - October 2018
  - Creation of models and analysis to propose data-driven solutions for various Public Institutions.

- **Research Internship @ DLAB - EPFL**, March 2017 - July 2017
  - Research project about data-driven education.

- **Intern @ Big Data and Analytics team** KPMG Rome (IT), 2016

TECHNICAL SKILLS

- **Languages** (Python, SAS, R, JavaScript, Spark), **Database** (MySQL, MongoDB), **Tools** (LaTeX, Markdown, RStudio, Prezi).

MAJOR PROJECTS

- **Analysis of Influenza through Wikipedia page views** (Course project), 2017.
- **mod-EPFL Researchers Network (modERN)** (Course project), 2016.
- **Build a Search Engine** (Course project), 2015
- **Design a Recommender system** (Course project), 2015
- **A multilevel model as a measure of equity of the Italian education system** (B.Sc's final dissertation), 2015

SEMINARS

- **Google Machine Learning Crash Course**, 2017
- **Best Student Recognition Event (IBM)**, 2016
- **IBM training camp**, 2016

LANGUAGES

Italian: Mother tongue, **English**: Professional working proficiency, **French**: Elementary proficiency.

STRENGTHS

- Hardworking, Positive Attitude, Proactive, Social Interaction, Creative approach, Organizational skills, Eager and quick learner.

EXTERNAL ACTIVITIES

- Scoutmaster (AGESCI), Volunteer in spazio-sociale (Italian Civil Protection Department), Delegate and Deputy Chairwoman in Model United Nations (Rome, Lubeck, New York), former musician @ JuniOrchestra (Accademia Nazionale di Santa Cecilia), occasionally painter.