

ANDREA SEVESO

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ABOUT MYSELF

I'm a PhD Student with computer science and data science background. Skilled in Python, Machine Learning and Data mining. Strong analytical and programming skills, graduated from University of Milano-Bicocca.

CURRENT POSITION

PhD Student in Computer Science 2019 - now
University of Milano-Bicocca, Milan
Department of Computer Sciences, Systems and Communications

EDUCATION

Master's Degree in Data Science 2017 - 2019
University of Milano-Bicocca, Milan Grade: 110/110
Department of Computer Sciences, Systems and Communications

Topics covered - machine learning, data management, data visualization, business intelligence, text mining and search, streaming data management and time series analysis, technological infrastructures for data science, decision Models, juridical and social issues in information society, statistical modeling, data semantics.

Thesis - A DS journey: the development of clinical visual decision support and scientific visualizations from end to end with real-world neonatal data.

Bachelor's Degree in Computer Science 2013 - 2017
University of Milano-Bicocca, Milan Grade: 95/110
Department of Computer Sciences, Systems and Communications

Topics covered - programming, distributed systems, relational databases, human-machine interaction, algorithms, operational research, safety and reliability, computer architecture, calculus, linear algebra, statistics.

Thesis - BioBank: analysis, development and usability evaluation of a bank of biological data.

TECHNICAL STRENGTHS

Programming Languages	Python, R, PHP, Javascript
Databases	SQL, MongoDB, Neo4j
Software & Tools	Tableau, Knime, Docker, MS Office, L ^A T _E X

WORK EXPERIENCE

Deloitte Consulting, Milan 01/2019 - 04/2019
Consultant

Link-UP 03/2018 - 01/2019
Data Scientist

PUBLICATIONS

Federico Cabitza, Andrea Campagner, Davide Ciucci, and Andrea Seveso. Programmed inefficiencies in DSS-supported human decision making. In *International Conference on Modeling Decisions for Artificial Intelligence*, pages 201–212. Springer, 2019

Michela Assale, Linda Greta Dui, Andrea Cina, Andrea Seveso, and Federico Cabitza. The revival of the notes field: leveraging the unstructured content in electronic health records. *Frontiers in medicine*, 6, 2019

Linda Greta Dui, Andrea Seveso, and Federico Cabitza. Acquiescence bias in patient-reported outcomes: Clue for a fully automatic collection? *International Conference on Informatics, Management, and Technology in Healthcare*, 2018a - *This poster has been awarded with the "Best Student Poster Award"*

STUDENT SUPERVISION

Correlator and tutor of the following bachelor's degree theses:

"Evolutionary and corrective development of a dashboard to visualize data from a spinal clinical registry using the parallel coordinate paradigm", M. Cilona, UniMiB, Computer Science, 2018

"Development and usability analysis of a clinical data analytics system", G. Giubaldo, UniMiB, Computer Science, 2018

"Development of a module for predictive analysis of medical outcomes for prognostic purposes", L. Stucchi, UniMiB, Computer Science, 2018

"Front-end development of a module in a pre-existing system that allows domain experts to interact with a predictive model", L. Olivari, UniMiB, Computer Science, 2018

TEACHING AS LECTURER

Data Visualization	2019 - 2020
Masters Degree in Data Science, University of Milano-Bicocca	6 lectures, 18 hours

Data Visualization	2018 - 2019
Masters Degree in TTC, University of Milano-Bicocca	8 lectures, 24 hours

REVIEWING FOR SCIENTIFIC JOURNALS

ITAIS & MCIS	Reviewer	2019
HEALTHINF	Program Committee	2019

PROJECTS

DataWide & DataWise	2018
IRCCS Istituto Ortopedico Galeazzi, Milan	
Development of dashboard and tools for analysis of clinical data, integrated in Deloitte's DataREG platform, Data Warehouse management.	

CONFERENCES, SUMMER SCHOOLS & WORKSHOPS

6th international winter school on big data, 2020. URL <https://bigdat2020.irdta.eu/>

Linda Greta Dui, Andrea Seveso, Pietro Campi, and Federico Cabitza. Clinical and artificial intelligence for the medical trenches: Datawise and Datawide at the Galeazzi Orthopedic Institute. e-Government and e-Health XV international conference, 2018b

LANGUAGE SKILLS

Italian	Mother tongue
English	Proficient user (CEFR level C1, IELTS 8.0)