



## Curriculum Vitae

### Personal information

First name / Surname

**Mauro Coletto**

Address

MODENA - ITALY

Contacts

LinkedIn <http://it.linkedin.com/in/maurocoletto>

Publications

LinkedIn <https://scholar.google.it/>

Nationality/Gender

Italian/Male

Birth

December 1987 - Motta di Livenza (TV) - ITALY



### Desired employment

### Data Scientist - Business Intelligence Consultant

#### Introduction

I currently work as Data Scientist at Ferrari S.p.A. in the Digital Team. I am an MBA fellow (Collège des Ingénieurs) and I obtained my Ph.D. at IMT School for Advanced Studies (Lucca) in "Computer, Decision, and Systems Science". I was a member of the SysMA (System Modelling and Analysis) research unit at IMT and HPC lab (High Performance Computing) at ISTI-CNR. I graduated with full marks in Management Engineering (Computer Science track) at the University of Udine. My research topics and interests are: Web Mining, Data Science, Online Social Network Analysis, Marketing Automation, Computational Social Science and Advanced Analytics. In my Ph.D. thesis I studied opinions of the users, interactions and dynamics of polarised communities in Online Social Networks (Facebook, Twitter, Tumblr, Flickr) through Machine Learning methods.

### Work experience

Period

October 2017 – present

Occupation or position held

**Business Intelligence Consultant - Data Scientist**

Name and address of employer

Ferrari S.p.A.  
Digital Team – **Maranello** (IT)



Period

November 2016 – October 2017

Occupation or position held

**Research Fellow - Data Analyst**

Project  
name and address of employer

"Data analysis and visualization of Open Data for health care in Veneto"

Ca' Foscari University of Venice  
Department of Environmental Sciences, Informatics and Statistics (DAIS) – **Venice** (IT)



Period

May 2015 – September 2015

Occupation or position held

**Intern at Yahoo Labs**

Projects  
name and address of employer

"On the behaviour of deviant communities in online social networks."  
"Multi-label propagation model to characterize Tumblr content through the social network from queries."

Yahoo Labs – **London** (UK)



Period

November 2012 – October 2013

Occupation or position held

**Research Fellow - Data Analyst**

Project  
Name and address of employer

"Statistical methods and data mining algorithms applied to business with particular reference to steelmaking industry."

University of Udine – Department of Economics and Statistics (DIES) – **Udine** (IT)



Period

September 2011 – October 2012

Occupation or position held

**Business Intelligence Consultant - Data Analyst**

Name and address of employer

beanTech S.r.l. – Colloredo di Monte Albano – **Udine** (IT)

Field

Business Intelligence



<b>Education and training</b>		
Period	<b>September 2017 - June 2018</b>	
Description	<b>Master in Business Administration (MBA)</b>	
Principal subjects	Business, Management, Strategy.	
Name and type of organisation providing education and training	<b>CDI (Collège des Ingénieurs) ITALY Turin - Paris - Munich - Geneva</b>	
Period	<b>April 2016 - July 2016</b>	
Description	<b>Academic Visitor</b>	
Principal subjects	Machine Learning, Network Analysis, Data Mining.	
Name and type of organisation providing education and training	<b>Aalto University (School of Science and Technology) Helsinki</b>	
Period	<b>November 2013 - March 2017</b>	
Title of qualification awarded	<b>Doctor of Philosophy (PhD) in Computer, Decision, and Systems Sciences (CDSS) Computer Science Track - XXIX cycle</b>	
Principal subjects	Engineering, Computer Science, Information Technology.	
Name and type of organisation providing education and training	<b>IMT – School for Advanced Studies Lucca (Italy)</b>	
Level in international classification	<b>ISCED 8, Ph.D. Level</b>	
Period	<b>November 2013 - December 2016</b>	
Description	<b>Member of HPC (High Performance Computing) Lab</b>	
Principal subjects	Web Search and Information Systems for Big Data, Scalable Distributed Computing, Data Mining and Machine Learning, Social Media Analysis.	
Name and type of organisation providing education and training	<b>CNR – ISTI Pisa (Italy)</b>	 
Period	<b>November 2009 - March 2012</b>	
Title of qualification awarded	<b>Master's Degree in Management Engineering (Information Technology - Telecommunication)</b>	
Final grade	<b>110/110 Magna cum laude (with honours)</b>	
Principal subjects	Engineering, Information Technology, Finance and Economics.	
Name and type of organisation providing education and training	<b>University of Udine - Faculty of Engineering Udine (Italy)</b>	
Level in international classification	<b>ISCED 7, Master Level</b>	
Period	<b>October 2010 - January 2011</b>	
Description	<b>English course ( B2.1/A –Upper Intermediate )</b>	
Name and type of organisation providing education and training	<b>CLAV – Linguistic and Audio-visual Centre University of Udine - Udine (Italy)</b>	
Period	<b>January 2010 - June 2010</b>	
Description	<b>Exchange Program – Denmark</b>	
Name and type of organisation providing education and training	<b>University of Southern Denmark Odense (Denmark)</b>	

Period	September 2006 - November 2009	
Title of qualification awarded	Bachelor's Degree in Management Engineering (Information Technology)	
Final grade	110/110 <i>Magna cum laude (with honours)</i>	
Principal subjects / occupational skills covered	Engineering subjects: Mathematics, Physics, Chemistry, Electronics, Computer Science. Economic subjects: Marketing, Quality Management, Organizational Management, Operations Management, Manufacturing Management, Strategy.	
Name and type of organisation providing education and training	University of Udine - Faculty of Engineering Udine (Italy)	
Level in international classification	ISCED 6 - Bachelor Level	
Period	June 2005 - July 2005	
Description	English course (Level: E - Upper Intermediate 2)	
Name and type of organisation providing education and training	Frances King School of English London (United Kingdom)	
Period	September 2001 - July 2006	
Title of qualification awarded	Scientific High School Diploma	
Name and type of organisation providing education and training	Liceo Statale Scientifico "G. Galilei" (public school) San Dona' di Piave (VE) (Italy)	
Level in international classification	ISCED 3, Upper secondary education	
<b>Personal skills and competences</b>		
Mother tongue	Italian	
Other languages		
Self-assessment		
European level		
English		
French		
Spanish		
Other:	Latin (studied for five years at High School) – Chinese (preliminary language course, Sept – Dec 2012)	
Social skills and competences	Very open, collaborative and responsible. Problem-solving attitude. Capacity to adapt to multicultural environments, gained through my experiences abroad (FI, UK, DK). Ability to establish and maintain good relations with other members in a working team. Experience with people with disabilities.	
Organisational skills and competences	Extremely organized person. Ability to coordinate people and manage projects.	
Technical skills and competences	Experience in using software and specific tools for <i>Data Science</i> and <i>Business Intelligence</i> . Skills in programming in <b>Python</b> . Expertise in the field of data analysis project development: procedures and technologies for information retrieval and organization ( <b>database, datawarehouse</b> ), development of intermediate computational structures for data aggregation ( <b>OLAP</b> , multidimensional structures), report and front-end design, data mining through advanced statistical methods, implemented through machine-learning algorithms ( <b>Python, R, MATLAB</b> ). Skills in using Social Media analytics and Web/Social listening tools. Good knowledge of Mathematics, Physics, Computer Science, Automation, Electronics, Telecommunications and Economics. Comprehension of the fundamental elements of design, layout and management of firms' computer systems. Understanding of firms' organizational and decisional processes.	
Computer skills and competences	<ul style="list-style-type: none"> <li>Operating systems (MAC, LINUX, WINDOWS): Very good</li> <li>Word processing &amp; LaTeX/Text Formatting: Very good</li> <li>Microsoft Office™ and OpenOffice: Very good</li> <li>Database administration (SQL, MySQL, PostgreSQL, Hive): Very good</li> <li>Web-site creation (static and dynamic) - CMS (Joomla, WordPress): Good</li> <li>Multimedia and Computer graphics: Good (Adobe Photoshop)</li> <li>LAN assembling and management, Computer Networks, Security: Good</li> </ul>	

Artistic skills and competences	<p>Technical software: <b>Hive, Hadoop, Microsoft SQL Server (Analysis Services, Integration Services, Reporting Services), MySQL, PostgreSQL, MATLAB, R, Prezi, Gephi, Microsoft Excel, Google Analytics, Google Data Studio, Microsoft BI, Social Listening Tools, Social Media Insights and Analytics.</b></p> <p>Programming languages known: <b>PYTHON, C (basic), HTML, PHP (elementary).</b></p> <p>Very creative and curious. I have effective learning skills.</p>
Other skills and competences	<p>From 1997 to 2012 I was a member of the SCOUT (Agesci). In 2001 I participated at "Olympic Games Mathematics" (organized by the <i>Bocconi</i> University – Milan), entering the final phase.</p> <p>I attended the three-year school of Biblical Psychodrama (Milan, Turin).</p> <p>I was speaker in several presentations for Local and International conferences.</p> <p>Personal interests: juggling, archery, travelling, tango, psychology and psychodrama.</p> <p>International volunteering trips: Benin 2014, India 2017, Perù 2018.</p>
Driving licence	B (car owner)
<b>Publications</b>	~20 publications in International Journals and Conferences (more than 400 citations).
<b>Additional information</b>	<p><b>Affiliations:</b> High Performance Computing Lab (HPC Lab) - CNR, ISTI Pisa System Modelling and Analysis (SysMA Group) - IMT Lucca</p> <p><b>Grants:</b> CNR ISTI - 2 Grants for Young Mobility (GYM) 2015 &amp; 2016</p> <p><b>Certificates:</b> MCTS (Microsoft Certified Technology Specialist): <b>SQL Server, BI Development and Maintenance</b> (Oct 2012) ECDL (European Computer Driving License) (Jun 2004)</p> <p><b>Courses and short schools:</b></p> <p><b>September 2016 - SNSPT Summer School on Social Networks Security, Privacy, and Trust</b> SPRITZ Security and Privacy Research Group <i>Math Department, University of Padova (Italy)</i></p> <p><b>September 2015 - ECML PKDD Summer School on Data Sciences for Big Data</b> <b>TU Dortmund University and LIAAD-INESC TEC</b> Resource aware Data Mining <i>Faculty of Sciences, University of Porto (Portugal)</i></p> <p><b>July 2014 - Lipari Summer School on Computational Social Science</b> <b>Jacob T. Schwartz International School for Scientific Research</b> Modelling spatio-temporal reasoning in Complex Social Systems <i>Lipari (ME) (Italy)</i></p> <p><b>March 2014 - Bertinoro International Spring School</b> Big Data Analysis of Patterns in Media Content Probabilistic and Quantum Programming Development of dynamically evolving and self-adaptive software <i>Bertinoro (FC) (Italy)</i></p> <p><b>July 2009 - Quality Management System Assessment course</b> QMS internal evaluator – ISO 9001:2008 <i>Alisea S.p.a. - Jesolo (VE) (Italy)</i></p> <p><b>Ph.D. Thesis:</b> Title: <b>Analysis of Polarized Communities in Online Social Networks</b> (English) Advisor: prof. Claudio Lucchese</p> <p><b>Bachelor's Thesis:</b> Title: <b>The evolution of ISO 9000 standards: a state-of-the-art analysis</b> (Italian) Advisor: prof. Marco Sartor</p> <p><b>Master's Thesis:</b> Title: <b>Sales forecasting techniques and models: two case studies with beanTech</b> (Italian) Advisor: prof. Ruggero Bellio</p>

In compliance with the European Union (EU) General Data Protection Regulation (GDPR, 2016) I agree that my personal data provided with this document are processed only for intended purposes.