CURRICULUM VITAE

PERSONAL INFORMATION

Name	**Eleonora Bernasconi**
Email	bernasconi@diag.uniroma1.it
Nationality	Italian
Link	https://www.researchgate.net/profile/Eleonora_Bernasconi/research

PROFESSIONAL EXPERIENCE

Dates	November 2018 - current
Jobs or positions held	Research Collaborator at the Department of Computer, Control, and Management Engineering Antonio Ruberti (DIAG)
Name and address of employer	Sapienza University of Rome

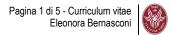|	
Dates	March 2019
Jobs or positions held	Conference Speaker at New Techniques and Technologies for Statistics (NTTS)
What	Automatic extraction of land cover indicators from satellite imagery by Deep Learning
Where	Eurostat - Brussels
Link	https://coms.events/ntts2019/data/abstracts/en/abstract_0035.html
Abstract	https://coms.events/ntts2019/data/x_abstracts/x_abstract_45.pdf

Dates	May 2018
Jobs or positions held	Meetup Speaker
What	Deep Learning and Computer Vision
Where	LUISS EnLabs - Rome
Link	https://www.youtube.com/watch?v=yC3i-nObuEg

Dates	March 2018 – October 2018

Jobs or positions held	Intern at ISTAT
Name and address of employer	ISTAT- Italian National Institute of Statistics - Rome (Italy).
Main activities and responsibilities	Automatic extraction of land cover indicators from satellite imagery by Deep Learning
Type of business or sector	ISTAT- Italian National Institute of Statistics.

Dates	January 2017 – April 2018
Jobs or positions held	Twice winner of the 20 scholarships for tutoring on par to be held at the sector for relations with disabled students of the Sapienza University of Rome.
Name and address of employer	Office for relations with students with disabilities. Piazzale Aldo Moro, 5, 00185 Rome.
Main activities and responsibilities	- tutoring students with disabilities; - data analysis; - carrying out administrative paperwork at the counter; - participation in the project "application platform for the provision of student learning and integration services"; - elaborazione del libretto di informazioni universitarie del dipartimento per le relazioni con studenti con disabilità.
Type of business or sector	Sapienza University of Rome

PARTICIPATION TO CONFERENCES/WORKSHOPS

Dates	3 – 7 June 2019
Conference	CAISE 2019 - 31st International Conference on Advanced Information Systems Engineering
Role	Organizing Support Team
Link	https://www.caise19.it

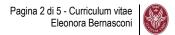|	
Dates	12 – 14 March 2019
Conference	NTTS 2019 - Conference Speaker at New Techniques and Technologies for Statistics
Role	Speaker - Automatic extraction of land cover indicators from satellite imagery by Deep Learning
Link	https://ec.europa.eu/eurostat/cros/NTTS2019_en
Conference paper	https://coms.events/ntts2019/data/x_abstracts/x_abstract_45.pdf

EDUCATION

Dates	September 2016 – October 2018
Title of qualification awarded	Master's Degree in Industrial Engineering
Name and type of organization of education and training	Sapienza University of Rome Faculty of Industrial Engineering
Main subjects/skills occupational	Exams: economy and management of public administration, economic Modelling control organizations, transport economics, management of industrial plants, 2, Optimization Methods for combinatorial optimization machine learning, purchase management, service systems and simulation, management control systems, production planning and control, management of human resources and skills.
Master's Thesis	Automatic extraction of land cover indicators from satellite imagery by Deep Learning
Project: Play with GII	I developed an educational software game for the study of the subject of Industrial Plant Management through the use of Adobe Captivate 9 software
Link	https://sites.google.com/a/uniroma1.it/francescocostantino/insegnamenti/gii
Dates	December 2012 – December 2015
Title of qualification awarded	Bachelor's Degree in Industrial Engineering
Name and type of organization of education and training	The International Telematic University UNINETTUNO Faculty of Industrial Engineering
Main subjects/skills occupational	Exams: Calculus and linear algebra, chemistry and materials science, economics and business administration, physics, Informatics, technical English, mathematical methods in engineering, business administration, electrical engineering and electrical systems, building physics and energy systems, numerical methods for engineering, probability and statistics, building science, information systems and databases, industrial economics and services, project management, quality management, industrial equipment, logistics and supply management, Marketing.

Data Mining and electricity market.

Dates	September 2005 – October 2010
Title of qualification awarded	High school specializing in classics subjects
Name and type of organization of education and training	St. Mary's Institute of Rome (Italy)

PERSONAL SKILLS AND COMPETENCES

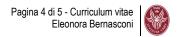|	
Native speaker	Italian
Other languages	English
Reading skills	Good
Writing skills	Good
Verbal skills	Good
Skills and competences relational databases	Social skills and interpersonal skills very good for indole and developed thanks to the practice of many team sports and training by personal trainer. Great character predisposition to personal improvement.
Organizational skills and competences	Sense of organization characterized by a predisposition to the order and to precision. High spirit of sacrifice. Strong will and investment to achieve the objectives. Stress management skills, acquired through the practice of endurance sports.
Computer skills and competences	Programming in Python and knowledge of libraries and tensorflow keras. Passionate about Machine learning, Data mining and Deep Learning. Use of software for creating mokups for virtual platforms. Use advanced computers, smartphones and tablets. Excellent knowledge of programs for viewing and analyzing data as Weka, Knime 9.0 and Tableau. Excellent knowledge of music editing software (Ableton live, Garageband, Logic Pro X). Great disposition to learn any software.
Skills and competences artistic works	Artistic and musical skills developed with passion for piano, singing and drums. Ability to create and organize music with music editing software.

Other skills and competences	- Graphic Designer (logos, presentations, animation, video editing, etc.)
	- Composer and songwriter (SIAE by 2016).
	- Ebook writer:

Test of hypothesis testing (2017)
Analysis of variance ANOVA (2017)
Data mining and classification algorithms (2016)
The civil code with Excel (2016)
Zeros of nonlinear equations (2015)
The numerical quadrature (2015)

- Italian Coach Federation Weightlifting Trainer diploma issued in 2014 by FIPE and recognized by CONI.
- Bronze Level certified Spinning instructor, released in 2014 from Schwinn ® Fitness Academy.
- Diver SSI-Scuba Schools International Italy-open water diver, released in 2012 from Lega Navale Italiana sezione di Roma.
- First aid course Italian Red Cross released in 2012 by the provincial Committee of Rome.

Practice of the following sports: cycling, mountain trekking, swimming, tennis, golf, skiing.
Practice of the following interests: cooking.

LICENSES

License	Italian Driving license B.
License	Boat license Cat. A (boats and motor boats sailing or mixed) within 12 miles from the coast.
License	Driving license of amateur radio operator of class A and international caller IZ0UIO.