PERSONAL INFORMATION

Maurizio Napolitano

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Sex | Date of birth | Nationality

POSITION

Head of Unit - Digital Commons Lab, ICT Center, Fondazione Bruno Kessler

WORK EXPERIENCE

1999–Present

Technologist
Fondazione Bruno Kessler, Trento (Italy)
http://ict.fbk.eu

I work in FBK (ex. ITC-irst) since 1999.
Currently I am the coordinator of the "Digital Commons Lab" - http://digitalcommonslab.fbk.eu
The laboratory aims to study, support, disseminate and innovate the world of digital commons (opensource, wikipedia, openstreetmap and open data). The main collaborations are with the Open Data Institute and The GovLab of New York University.

Most of the activities are on the development of policies, actions, training and software tools for open data for the italian municipalities and regions.

Relevant projects carried out
▪ Smartbin
development of high quality road graph, based on OpenStreetMap, in order to create a dynamic system of the VRP (vehicle routing problem) for the intelligent collection of waste
▪ Gioconda
a project to develop a sustainable life cycle of the open data on the border between Italy and Switzerland
▪ City Sensing
project to solve city problems with big data
▪ CEDUS - City Enabler for Digital Urban Services
an innovative software platform to collect and exploit the data of your city
▪ civic technology school
a school for innovators, NGO workers, political decision makers, public officials, activists, etc. for the design of civic technologies http://tecnologieciviche.eu
▪ FINODEX
a project for the creation of startups based on Open Data and FIware
▪ ProVotE (Electronic Vote Project)
Between 2005 and 2008 the Autonomous Province of Trento carried out one experimentation for electronic voting. In the project I worked on the realization of the voting machine that has collected the cards and the tools for the results.
▪ ProCivi
development of a georeferenced data collection infrastructure for the creation of civil defense plans

Business or sector Research center in Information and communications technology

Present

Teaching
I am often required as a teacher at organizations, higher education schools, universities, companies, public administrations and highschools.
I deal these topics:

■ geospatial data analysis

- geospatial technologies
- data visualization
- data science
- data journalism
- policy development for the open data
- programming languages (python, javascript, sql)
- web development
- openstreetmap

I worked for the following organization:

- Order of Journalists of Trentino Alto Adige
    - data journalism
- University of Trento:
    - data journalist course for the data science master degree
    - python programming for data science
    - open data seminars
    - digital humanities
- Fidia SRL / Seac Cefor:
    - scientific coordinator for the postgraduate course in data analyst
    - teacher for geospatial data analysis
- Trentino School of Management
    - courses on open data and data visualization
- CompaFVG
    - courses on open data, data and map visualization, data collection
- VillaUmbra
    - courses on open data for the public officiers
- Art-Er (former Ervet)
    - courses for young students on the topic of Fake News and opendata by Fondazione Gollinelli
- BigDive from the edition 7 until now
    - geospatial for the data science

2018–2019	**member scientific committee**

Campania Region

▪ definition of the dissemination actions about open data for the Region
▪ participation in regional digital events about open data

2014–2017	**Technical Scientific Expert**

Italian Ministry of Education, University and Research

Technical Scientific Expert of 4 winning projects of the "Start Up" call n ° 436 of 13 March 2013 - line Big Data

2013–2016	**member of the Digital Agenda Scientific Committee**

Emilia-Romagna Region

▪ definition of the development strategies of the digital agenda of the Region
▪ participation in regional digital dissemination events in the Region

2016–2016	**member of the evaluation commission**

call for tenders CNR 366.28

the call for proposals refers to the selection of two permanent positions for personnel with the profile of Research Associate Technical Staff, professional level VI

2008–2010	**volleyball coach**

TI Volley, Innsbruck (Italy)

head coach series in fist liga Austrian women's volleyball championship

2004–2008	**Assistant Teacher**

University of Trento (Italy)

teacher for the digital humanities course for the students in Literature, Languages, History and Philosophy

1996–1999	**Different work experiences**

journalist, IT teacher, software developer, computer network administrator and support services for the shows

EDUCATION AND TRAINING

2016–Present	**Student in sociology**

University of Trento, Trento (Italy)

Currently enrolled in the degree course in sociology with a focus on social innovation.

2013	**Open Data Institute**

Open Data Trainer, London (United Kingdom)

qualification for teaching open data according to open dat institute guidelines.
https://theodi.org/event_series/train-the-trainer/

1992–1996	**Scientific high school diploma**

Liceo Scientifico "Leonardo Da Vinci", Trento (Italy)

PERSONAL SKILLS

Mother tongue(s)	Italian

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
B1	B1	B1	B1	B1
German				
B1	B1	B2	B2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Excellent communication skills developed in the sports field (I am a volleyball coach) and in my various public speeches on radio, for the italian and local television and conferences (in Italian and English)
I was a speaker at 3 TEDx (Trento, Siena and Potenza).

As a trainer for volleyball coaches I attended various courses on didactic communication organized by the Italian Volleyball Federation.
I obtained the Open Data Trainer qualification at the Open Data Institute in London with a course on how it develops and presents a lesson.
I followed a 7-month course on the topic of leadership organized by the Bruno Kessler Foundation for unit heads.

Organisational / managerial skills	for over 30 years I have been used to lead volleyball teams (male and female) of different ages. This taught me how to improve my leadership and people management characteristics and how to motivate them. Currently the unit that I coordinate in FBK is composed of 3-9 people (3 fix and the others are students) On behalf of FBK, I took a 7-month course to improve my leadership skills.

Job-related skills	self-taught learning ability multidisciplinary and pragmatic vision

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- excellent knowledge of GNU / Linux systems, maintenance management, configuration (server and client) and related applications for personal productivity
- excellent knowledge of open source information systems (GIS) management software. In particular QGIS, GRASS, PostGIS and Spatialite to which I have actively contributed
- data analysis with Python/Pandas
- software developer in the languages: Python, PHP, Java, Javascript, Bash, SQL, HTML5, XML and CSS
- software developer of open source client / server solutions for geographical information systems
- knowledge of cakephp development frameworks, django, flask, bottle, bootstrap, d3, leaflet, openlayers ...
- contributor to the Wikipedia, OpenStreetMap and Mapillary projects

ADDITIONAL INFORMATION

Publications	Open data as a public asset 2019 *Napolitano, Maurizio*

Beyond Transparency: Making the Italian Public Administration more Accessible through Data Storytelling 2018 *De Chiara, Francesca; Moretti, Matteo; Napolitano, Maurizio*

S.M.A.R.T. sustainable development planning: un approccio Open-Gov per coordinare politiche e strumenti orientati alla mobilità sostenibile nei territori a bassa densità 2018 *Congiu, Tanja; Napolitano, Maurizio; Plaisant, Alessandro*

Collaborative mapping response to disasters through OpenStreetMap: The case of the 2016 Italian earthquake 2017 *Minghini, Marco; Delucchi, Luca; Sarettta, Alessandro; Lupia, Fabio; Napolitano, Maurizio; Palmas, Alessandro*

Open Community Data & Official Public Data in flood risk management: a comparison based on InaSAFE 2015 *Riccardo Pasi, Cristian Consonni, Maurizio Napolitano*

Linked Open Trentino 2014 *Shvaiko, Pavel; Vaccari, Lorenzino; Napolitano, Maurizio; Barbera, Michele*

WikiTrip: animated visualization over time of geo-location and gender of Wikipedians who edited a page 2012 *Paolo Massa; Maurizio Napolitano; Federico Scrinzi; Michela Ferron*

MVP OSM: A tool to identify areas of high quality contributor activity in openstreetmap 2011 *M. Napolitano; P. Mooney*

An Empirical Analysis on Social Capital and Enterprise 2.0 Participation in a Research Institute2010 International Conference on Advances in Social Networks Analysis and Mining 2010 *Michela Ferron;Marco Frassoni;Paolo Massa;Maurizio Napolitano;Davide Setti*

Other	I'm a volleyball coach. I started training at the age of 18. I have a two-season experience as a

volleyball coach in the first national series in Austria.
In Italy I train teams among the highest regional championships (series C) and national championships (series B) as well as youth teams.
Much of my activity is in the women's sector.
My resume as a coach is here
http://www.fipav.tn.it/elenco-allenatori.aspx?PId=117&ComitatoId=23&AId=1637

Since 2009 I am also a teacher for the Italian Volleyball Federation where I deal with coach training at the regional level.

Currently I develop this activity for passion.

I authorize the processing of personal data contained in my curriculum vitae based on art. 13 of Legislative Decree 196/2003 and art. 13 GDPR 679/16.