

## PERSONAL INFORMATION

Jose francisco Guerrero tello

## WORK EXPERIENCE

04/05/2018–31/12/2018

**Informatic**

Sapienza University, Rome

Design of a Database for the management of dam monitoring, using SAR data (**Synthetic Aperture Radar**).

01/10/2015–28/02/2018

**Informatic**

SurveyLab S.r.l, Rome

UML, WebGIS, WebAPP, Geo-Data Base, Satellite Images (SAR).

Projects:

- MedSuv (**MEDiterranean SUPersites Volcanoes**).
- Oppius (Web-GIS) Project.
- TTCRAS (**T**echnological transfer of the Sapienza Aerospace Research Center).
- I-MODI (**I**mplemented **M**onitoring system for structural **D**isplacement).

01/12/2014–30/06/2015

**Stage**

National Interuniversity Consortium for the Physics of Atmospheres and Hydrosphere, Palermo

Master in "**Research technician specialized in the determination and management of environmental risk through the use of ICT network solutions**"

22/06/2014–22/09/2014

**Manager**

Panamerican Development Foundation, Bogota (Colombia)

Manager of Social projects in Acandi Town.

01/02/2014–21/06/2014

**IT auditor**

Manpower - Infotic, Pasto (Colombia)

Integral unit for attention and repair to victims of the armed conflict in Colombia **UARIV**.

15/12/2012

**Stage**

La Casa del Sorriso ONLUS, Palermo

Strategic Marketing and Fundraising Plan

03/03/2008–10/08/2008

**IT auditor**

La Gran Colombia University, Bogota (Colombia)

**Computers to Educate** Is a govermet program to install Computers in rural Schools to reduce the technology gap.

EDUCATION AND TRAINING

- 01/10/2018–Present **PhD in Infrastructure and Transport**  
 Sapienza University, Rome  
 Segmentation and 3D reconstruction of volcanic plumes with 2d and Satellite images using Machine learning methods.
- 01/12/2014–20/06/2015 **Master**  
 Palermo University, Palermo  
 Research technician specialized in the determination and management of environmental risk through the use of ICT network solutions
- 20/10/2010–30/10/2013  
 Palermo University, Palermo  
 Management Engineer master's degree
- 01/08/2002–11/03/2008 **Bachelor**  
 Mariana University, Pasto (Colombia)  
 Systems Engineer degree.

PERSONAL SKILLS

Mother tongue(s) Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Shafston school (General English course)					
Italian	C1	C1	C1	C1	C1

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

Digital skills

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

Digital skills - Self-assessment grid

BIG DIVE 8 Data From Space to Earth (tp-IX)

QuantumGIS, ArcGis, GlobalMapper, Postgres, PostGis, Geoserver, OpenLayers, Google Maps API, MapBox, Mysql, HTML, Java, Python, GDAL, OpenCV, UML, CNN, Deep Learning

trattamento dei dati personali

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