

PERSONAL INFORMATION



Filippo Luigi Maria Milotta

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[https://www.researchgate.net/profile/Filippo\\_Milotta](https://www.researchgate.net/profile/Filippo_Milotta)

Sex Male | Date of birth ##, ## ##### | Nationality Italian

PERSONAL STATEMENT

Postdoctoral Researcher at University of Catania

EDUCATION AND TRAINING

15/12/2017 – present

Postdoctoral Research Fellow

University of Catania – Centro Universitario per la Tutela e la Gestione degli Ambienti Naturali e degli Agro-Ecosistemi (CUTGANA)

- Main Topic: “**Scene Understanding and Behavioural Analysis from Egocentric Visual Data**”, project **Vision Exploitation for Data Interpretation (V.E.D.I.)**
- Scientific Supervisor: Prof. Giovanni M. Farinella, University of Catania

2014 – 03/2018

International PhD in Mathematics and Computer Science

EQF:8

University of Catania – grant by Telecom Italia, Joint Open Lab WAVE (Wireless Applications in multi-deVice Ecosystems).

- Research Field: “**Multi-device media analysis and summarization for high bandwidth connected environments**”
- Supervisor: Prof. Sebastiano Battiato, University of Catania  
Co-supervisor: Prof. Filippo Stanco, University of Catania

2/2017 – 8/2017

Visiting Scholar

Center for Virtualization and Applied Spatial Technologies (CVAST)  
University of South Florida – USF, Tampa, Florida, USA

2013 - 2014

Master Degree in Computer Science (LM18), summa cum laude

EQF:7

University of Catania – Department of Mathematics and Computer Science

- All exams passed with 30/30 rate and 10/11 laudes
- Thesis: “Depth-map based obstacle detection for visually impaired”

2009 - 2012

Bachelor Degree in Computer Science (L31), summa cum laude

EQF:6

University of Catania – Department of Mathematics and Computer Science

- Thesis: “Detection and correction techniques concerning magnetic tapes artefacts”

WORKING EXPERIENCE

14/4/2014 – 13/7/2014

Internship

EuroMECC S.R.L. – Via S.S. 192, Km 79, Misterbianco (CT)

- Content Web Manager and Web Designer
  - Computer Programmer
- Sector Information Technology

10/2011 – 1/2012

**Internship**

Fondazione Museo Diocesano di Catania – Image Processing Laboratory (IPLab)

- Scanning and digitization of ancient 3D objects and photos
- Post-processing of old photos with artefacts

**Sector** Image Processing, Cultural Heritage Digitization

TEACHING EXPERIENCE

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a.y. 2017/2018

**Data Management**

FITS Steve Jobs, Caltagirone, Italy

- DBMS and MySQL (70 hours).

a.y. 2014/15, 2016/17,  
2017/2018

**Multimedia**

University of Catania, Department of Mathematics and Computer Science (*Graduate Students*)

- Module on “Video media and Motion stimulation” (18 hours).

a.y. 2014/15

**Computer Vision**

University of Catania, Department of Mathematics and Computer Science (*Graduate Students*)

- Module on “Epipolar Geometry and Stereoscopia” (6 hours);
- Seminar on “3D scan technologies”.

a.y. 2016/17

**Pattern Recognition**

University of Catania, Department of Mathematics and Computer Science (*Graduate Students*)

- Seminar on “k-nn clustering”;
- Seminar on “Bayesian Networks: d-separation and applications”.

a.y. 2015/16

**Human Interaction and Multimedia**

University of Catania, Department of Mathematics and Computer Science (*Undergraduate Students*)

- Module “Common image formats: definitions and specs”.

a.y. 2015/16

**Digital Game Development**

University of Catania, Department of Mathematics and Computer Science (*Undergraduate Students*)

- Module “Learning curve and User experience”.

PERSONAL SKILLS

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**Organisational / managerial skills**

- Autonomy in the workload management gained within the company Euromecc and visiting scholarship at University of South Florida.

Mother Tongue  
Other Language

Italian

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken Interaction	Spoken Production	

English

B2                      C1                      B2                      B2                      B2

Exam passed during the BD course in Computer Science (L31), University of Catania, 27/6/2011 (Level B1)

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

- Communication skills
- Good cooperation skills gained within the company Euromecc in which was required to collaborate with colleagues from different countries (e.g., Russia, French, Spain)
  - Good international communication skills gained with the organization of several summer schools and visiting scholarship at University of South Florida.

## PUBLICATIONS

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The **Scientific Activity** is attached in the annexes and is also available on my website:

Link: <https://fmilotta.github.io/CV/ScientificActivity-EN-051918.pdf>

- Memberships
- Postdoctoral Researcher of IPLab (Image Processing Laboratory), University of Catania.  
Link: <http://iplab.dmi.unict.it/>
  - Former Ph.D. Student of TIM WAVE (Wireless Applications in multi-deVice Ecosystems)
  - Group for Reconstructive and Therapeutic Advancements (G.Re.T.A.)  
Link: <http://greta.maurizionava.it/>
  - Professional Member of Association for Computing Machinery (ACM), ID: 3366940
  - Member of Computer Applications & Quantitative Methods in Archaeology (CAA)
  - IEEE Signal Processing Society Membership, member number: 93903598

- Digital competence
- Proficiency SQL programmer
  - Proficiency JAVA programmer
  - Proficiency MATLAB programmer
  - Good Python programmer
  - Proficiency in 3D Scanning for Cultural Heritage Digitization and Medical Imaging
  - Good C, C++ and C# programmer

## ANNEXES

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- **Scientific Activity**
- Machine Learning by Stanford University on Coursera. Earned 28/05/2016  
Link: <https://www.coursera.org/account/accomplishments/records/GNEECHXFUD5W>
- Biomedical Investigators and Key Personnel, CITI Program, earned 1/10/2017  
Link: <https://www.citiprogram.org/verify/?w2bf2c6fe-4601-4e79-94a7-fb21f7ef962b-24454552>

Date 19/05/2018

## REFEREES

Available under request