PERSONAL INFORMATION

Filippo Luigi Maria Milotta

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in http://it.linkedin.com/pub/filippo-milotta/b2/149/707

R⁶ 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

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 stimation" (18 hours).

a.y. 2014/15	**Computer Vision**

University of Catania, Department of Mathematics and Computer Science *(Graduate Students)*
- Module on "Epipolar Geometry and Stereoscopy" (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

Organisational / managerial skills

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

Mother Tongue Italian

Other Language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken Interaction	Spoken Production	
B2	C1	B2	B2	B2

English	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

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

▪ **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