# Gaetano La Delfa Curriculum Vitae

## PERSONAL INFORMATION

*Family name:* Gaetano Carmelo La Delfa
*Date of birth:* 16-07-1978
*E-mail:* gaetano.ladelfa@gmail.com, gaetano.ladelfa@dieei.unict.it
*Current position:* Student at National Research Council - Institute of Cognitive Sciences and Technologies (CNR - ISTC) - Catania, Italy.
Urls: https://www.linkedin.com/in/gaetano-carmelo-la-delfa-916a8549/

## EDUCATION

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| 15/03/2018 - Present | Student for the training project funded by PO FSE Sicilia 2014-2020 *"SENTI - Sensori Elettronici, Nano Tecnologie*, Informatica per l'agricoltura di precisione", at National Research Council - Institute of Cognitive Sciences and Technologies (CNR - ISTC). Catania, Italy.<br>*Current field of studies:* ICT for archiving and processing big data with linked open data approaches in the Internet of Things environment. |
| 16/12/2017 | TOEFL iBT English certificate. Total score: 90/120. |
| 01/02/2013 - 25/01/2016 | PhD in Computer Engineering, University of Catania (Italy), Engineering Department (last experience in the research field).<br>*PhD title*: "Architecture, Services and Emerging Technologies for Mobile and Fixed Embedded Systems".<br>*Dissertation title:* "Study of Methodologies and Technologies for Indoor Localization". |
| 16/07/2015 - 04/03/2016 | Certificate of attendance of the 6 month training course "Contamination Lab".<br>*Issues:* entrepreneurship, marketing, team building, development of soft skills. |
| 10/11/2014 - 30/01/2015 | Internship at the research group BISITE at the University of Salamanca (Spain). |
| 01/07/2011 - 31/10/2012 | Master of Science (2nd level) in "Methodologies and Technologies for Developing Applications for Mobile Systems", University of Catania (Italy), Engineering Department. |
| 01/10/2009 - 31/07/2011 | Bachelor of Arts in Foreign Languages and Literatures (unfinished), University of Catania, (Italy)<br>Suspended in July 2011: changed to the Master of Science programme "Methodologies and Technologies for Developing Applications for Mobile Systems" at the University of Catania. |
| 01/10/1997 - 27/10/2005 | Degree in Electronic Engineering (2nd level), Microelectronic Specialization, University of Catania (Italy), Engineering Department.<br>*Thesis Title:* "Digital X-Ray pattern recognition with active shape models".<br>Professional Qualification (obtained in January 2006). |

## WORK EXPERIENCE

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| 01/01/2013 - Present | Mobile Apps developer for iOS platform and Android platform. |
| 01/10/2009 - 31/12/2012 | Project Engineer (entrepreneur) for low-voltage and medium-voltage photovoltaic plants. |
| 01/03/2008 - 31/08/2009 | Project Engineer for low-voltage and medium-voltage photovoltaic plants at various companies. |
| 30/09/2007 - 30/03/2008 | Maintenance Engineer at AquaFil synthetic fibres and polymers S.P.A., Arco di Trento (Italy). |
| 01/04/2007 - 30/09/2007 | Computer programming Teacher in a professional school. |

## PRIZES AND SCHOLARSHIPS

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| 07/07/2018 | First prize at the “CityHack” hackathon organised by the business accelerator TIM Working Capital (WCAP) at Catania (Italy). |
| 16/02/2018 | 18 month National Research Council (CNR) scholarship (Catania, Italy). |
| 15/01/2016 | Second place in the call for proposals “CREAZIONI GIOVANI” awarded by the region of Sicily, with the project *"Triskelia"*.<br>*Funding:* 20,000€. *Project duration:* 8 months.<br>*Objectives:* developing a website and a related iOS app focused on the art and culture in Sicily. |
| 27/05/2012 | First prize at the first startup weekend organised in Catania (Italy). |

## CONFERENCE PAPERS & POSTERS

Vincenzo Catania, **Gaetano C. La Delfa**, Salvatore Monteleone, Davide Patti, Daniela Ventura and Giuseppe La Torre. GOOSE: Goal Oriented Orchestration for Smart Environments. Int. J. of Ad Hoc and Ubiquitous Computing (In press).

Ventura, D., Monteleone, S., La Torre, G., **La Delfa, G. C**., & Catania, V. (2015, June). “Smart EDIFICE—Smart EveryDay interoperating future devICEs”.
In *Collaboration Technologies and Systems (CTS), 2015 International Conference on* (pp. 19-26). IEEE. *https://ieeexplore.ieee.org/abstract/document/7210390/ - (1 citation).*

**La Delfa, G. C.**, Catania, V., Monteleone, S., De Paz, J. F., & Bajo, J. (2015). Computer vision based indoor navigation: a visual markers evaluation.
In *Ambient Intelligence-Software and Applications* (pp. 165-173). Springer, Cham. - *(1 citation)*.

**La Delfa Gaetano Carmelo**, and Vincenzo Catania. "Accurate indoor navigation using Smartphone, Bluetooth Low Energy and Visual Tags." May 24, 2015, Proceedings of the 2nd Conference on Mobile and Information Technologies in Medicine (Mobmed), Prague (Czech Republic). ISBN 978-80-01-05637-0, Springer. *http://www.mobmed.org/download/MobileMed2014Proceedings.pdf - (11 Citations)*.

**La Delfa Gaetano Carmelo**, “Proposal of indoor localization technique using smartphone, bluetooth low energy and visual tags” (25 June 2014 - European Conference on Networks and Communications (EUCNC), Bologna, Poster).

## JOURNALS

**La Delfa Gaetano C.**, et al. "Performance analysis of visual markers for indoor navigation systems." Frontiers of Information Technology & Electronic Engineering 17.8 (2016): 730-740.
*https://link.springer.com/article/10.1631/FITEE.1500324*
(5 citations)

## MAJOR COLLABORATIONS

- Prof. Vincenzo Catania, Department of Electrical, Electronic and Computer Engineering (DIEEI), Catania (Italy).
- Prof. Maurizio Palesi, Department of Electrical, Electronic and Computer Engineering (DIEEI), Catania (Italy).
- Dr. Davide Patti, Department of Electrical, Electronic and Computer Engineering (DIEEI), Catania (Italy).
- Dr. Salvatore Monteleone, Department of Electrical, Electronic and Computer Engineering (DIEEI), Catania (Italy).
- Dr. Daniela Ventura, Accenture the Dock, Dublin (Ireland).
- Dr. Giuseppe La Torre, Joint Open Lab WAVE - TIM, Catania (Italy).
- Prof. Javier Bajo Pérez, Department of Artificial Intelligence, Technical University of Madrid, Madrid (Spain).
- Dr. Juan Francisco De Paz, Faculty of Sciences, University of Salamanca, Salamanca (Spain).