



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s)	<b>Gabriele Maimone</b>		
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Skype ID	gabrielemaimone		
Nationality	Italian		
Date of birth	19 January 1988		
Gender	Male		

### Desired employment / Occupational field

#### Electronics engineer

Dates	19/06/2014 – present
Occupation or position held	Manufacturing Testing Engineering
Main activities and responsibilities	<p>Testing representative for the MLBEvo project production line.</p> <p>Teamwork involvement in the development and the maintenance of the test sequences.</p> <p>SW development in National Instruments environment.</p> <p>Support for the industrialization of testing systems in foreign production plants.</p> <p>Study of inspection systems and optical calibration for industrial applications in automotive context.</p>
Name and address of employer	“Magnet Marelli spa”, V.le Aldo Borletti 61/63 - 20011 Corbetta (MI) (Italy).
Dates	03/04/2014 – 18/06/2014
Occupation or position held	Quality Specialist
Main activities and responsibilities	<p>Responsible for the extension of the automated data recruitment (about the scraps) on the production lines.</p> <p>Co-responsible to the electronics production lines (PCB assembly) for "Italy and Cockpit area" in Corbetta Plant.</p> <p>Collaboration for the extension of the F3A methodology (WCM) in Corbetta Plant.</p> <p>Development of a SW that allows the storage and the processing of the Layered Audit results.</p>
Name and address of employer	“Magnet Marelli spa”, V.le Aldo Borletti 61/63 - 20011 Corbetta (MI) (Italy).
Dates	02/10/2013 – 02/04/2014
Occupation or position held	Apprenticeship
Main activities and responsibilities	Reconfiguration of the computerized data recruitment system and analysis of the production defects

	that come from the production lines "O.U. Cluster Instruments Germany". Application of the control techniques on the quality standards. Use of the instruments and the techniques for the measurement of the quality standards.
Name and address of employer	"Magneti Marelli spa", V.le Aldo Borletti 61/63 - 20011 Corbetta (MI) (Italy).
Dates	19/11/2012 – 19/05/2013
Occupation or position held	Preparing for the degree
Main activities and responsibilities	Master Degree in collaboration with Università degli Studi di Messina. Title of the experimental thesis work: "Development of a new controller for Brushless DC-Motor-Test in automotive applications". Hardware and software development of a new controller for automotive test application.
Name and address of employer	"Continental Automotive GmbH", Sodener Straße 9, 65824, Schwalbach am Taunus (Germany)
Dates	17/09/2012 - 31/10/2012
Occupation or position held	Apprenticeship
Main activities and responsibilities	Study the performance of commercial photovoltaic panels, inspections at existing power systems, test of the characteristics of the photovoltaic modules through the use of instruments (IV 400 and Solar 300), that allows its characterization. Collaboration and imparting of lessons on photovoltaic technology for the production of electricity and about study of inverters for the photovoltaic sector in the project PON held at the company in the period 09.17.2012 - 10.12.2012, which involved a selection of students of ITI "E. Fermi " of Giarre (CT).
Name and address of employer	"Randazzo Energy Team srl", Via Forno Medio 96/H 98071 Capo D'Orlando (ME)
Dates	During: 2010/2012
Main activities and responsibilities	VHDL design: structural and behavioural description of Shift Register 7491 and Decoder 74138.
Main activities and responsibilities	Designing a system for the identification of a DC motor implemented in Matlab. There were made two linear models (ARX and FIR) and a non-linear model obtained thanks to Neural Networks Tool.
Main activities and responsibilities	IC design: planning, design, analysis and simulation of schematic and layout of a two-stage differential amplifier P-MOS.
Main activities and responsibilities	Realization and characterization of photosensitive devices.
Main activities and responsibilities	Design, programming and testing through software Mathematica of systems for solving complex differential equations.
Sector	University Projects (Master's Degree)
Name and address of employer	Università degli Studi di Messina (Facoltà di Ingegneria – Engineering Faculty) Contrada di Dio (S. Agata), 98166 Messina (Italy)
Dates	01/09/2009 - 15/02/2010
Occupation or position held	Apprenticeship
Main activities and responsibilities	Development of the project : "Tecniche di caratterizzazione per sensori QCM" (QCM Sensors Characterization)
Name and address of employer	Dipartimento di Fisica della materia e Ingegneria elettronica (Sede: "Laboratorio elettronica dei sensori e dei sistemi di trasduzione (LESST)") – Material Physics and Electronics Engineering Department Università degli Studi di Messina. Contrada di Dio (S. Agata), 98166 Messina (Italia)
Dates	During: 2007/2010
Main activities and responsibilities	Planning, design and simulation through CAD electronic of a Half Bridge DC-DC converter.
Main activities and responsibilities	Design, development and hardware test of a Medium Waves receiver.
Sector	University Projects (Bachelor's Degree)
Name and address of employer	Università degli Studi di Messina (Facoltà di Ingegneria – Engineering Faculty) Contrada di Dio (S. Agata), 98166 Messina (Italy)
<b>Education and training</b>	
Dates	19/08/2010 - 30/07/2013
Title of qualification awarded	Master's Degree in Electronics Engineering - Final score 110/110

Principal subjects / occupational skills covered	Master Engineering education, complex and interdisciplinary on electronics areas, microelectronics, power electronics, renewable energy, optoelectronics, sensors, microwaves electronic, telecommunications, electronic technology, automation and information technology, organizational, physical and mathematical sciences, English.				
Name and type of organisation providing education and training	Università degli Studi di Messina (Facoltà di Ingegneria – Engineering Faculty) Contrada di Dio (S. Agata), 98166 Messina (Italy)				
Level in national or international classification	ISCED 5B				
Educational field	Master's Degree Course in Electronics Engineering				
Dates	26/11/2010 - 29/11/2010				
Principal subjects / occupational skills covered	Workplace safety training course for university professors, executives and teaching fellows.				
Name and type of organisation providing education and training	Università degli studi di Messina (Servizio Autonomo di Prevenzione e Protezione "Collegio dei Direttori di Dipartimento") Contrada di Dio (S. Agata), 98166 Messina (Italy)				
Dates	08/09/2006 - 27/07/2010				
Title of qualification awarded	Bachelor's Degree in Electronics Engineering - Final score 107/110				
Principal subjects / occupational skills covered	Engineering education in electronics areas, telecommunications, sensors, automatic and computer science, business organization, physical and mathematical sciences, English.				
Name and type of organisation providing education and training	Università degli Studi di Messina (Facoltà di Ingegneria) Contrada Di Dio (S. Agata), 98166 Messina (Italy)				
Level in national or international classification	ISCED 5A				
Dates	07/07/2006				
Title of qualification awarded	High School Leaving Qualification - Final score 100/100				
Principal subjects / occupational skills covered	Scientific Area				
Name and type of organisation providing education and training	Liceo Scientifico "Archimede" V.le Reg.Margherita, 3, 98121 Messina (Italy)				
Level in national or international classification	ISCED 3A				
<b>Personal skills and competences</b>					
Mother tongue(s)	<b>Italian</b>				
Other language(s)					
Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	B2	B2	B2	B2	B2
Other language(s)					
Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>German</b>	A2	A2	B1	B1	A2
(*) <a href="#">Common European Framework of Reference (CEF) level</a>					
Social skills and competences	A team player with strong work ethic, highly motivated, disciplined and resourceful. In possession of a flair for team work and willingness to maximize its performance with the ability to mediate between the participants in a constructive way thanks to previous experience in research university group and also many years of team sports practiced and experience of ensemble music (brass quartet, chamber music). Able to respond and communicate clearly and accurately, responding to the specific demands of clients and / or consumers, with confidentiality, accuracy and flexibility.				

Organisational skills and competences	<p>I am able to optimize the study, define priority, learn methods, respect deadlines and set objectives.</p> <p>I am able to handle stressful situations, ability I acquired thanks to the lot of years of university and music study and a daily competitive sport practice.</p> <p>Autonomy in work organization, focusing on the objectives, setting priorities and taking responsibility.</p>
Technical skills and competences	<p>SW development in National Instruments environment.</p> <p>Study of inspection systems and optical calibration for industrial applications in automotive context.</p> <p>As part of the final thesis I wrote for the Masters Course, I projected (hardware and software) and developed a system composed by four PCB interconnected each other. It was based on the DSP TMS320F2808.</p> <p>As part of the final thesis I wrote for the Bachelor's Course, I worked on the characterization of resonant quartz sensors (QCM), used in many technical applications and in different fields such as healthcare, automotive, home automation or biomedical applications for analysis and non-invasive diagnostic methods. Implementation of a Matlab script that allows the characterization of the device starting by the extraction of its electrical parameters. Additional skills I developed in these years of study concern the most important aspects of electronics at low and medium frequencies, microelectronics, microwave electronics (high frequency), optoelectronics and technologies involved in the manufacture of the electronics devices. Design, testing and implementation of PV systems (ref. "Education and training" and "Work experience").</p>
Computer skills and competences	<p>Excellent knowledge of Windows 98, Windows XP, Windows Vista, Windows 7 (all versions).</p> <p>Excellent knowledge of Eagle CAD.</p> <p>Good experience with DSP TMS320F2808 and good knowledge of "Code Composer Studio".</p> <p>Excellent knowledge of Visual Basic (Visual Studio 2010)</p> <p>Competent with most Microsoft Office programs , good experience with Orcad Pspice, LT Spice, Matlab, Matlab Simulink, Microwave Office, Quartus and the most important programming languages.</p> <p>Good knowledge of mathematical computing software "Mathematica".</p> <p>Experience with ATMEL microcontroller (MCU) ATmega169.</p>
Artistic skills and competences	
Dates	09/2001 - 19/07/2011
Title of qualification awarded	Conservatory (Academy of Music) graduate in Saxophone.
Name and type of organisation providing education and training:	Conservatorio Statale di Musica "A.Corelli", via Bonino 1, 98125, Messina, Italy (Conservatory, Academy of Music).
Other skills and competences	Competitive waterpolo.
Driving licence(s)	B

I authorise the use of my personal data according to Legislative Decree N°196/03

Corbetta (MI), 13 September 2015

Yours faithfully