

# Europass Curriculum Vitae

## Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Email(s)

Date of birth

**D'Aurelio Marco**

(residence) via Vittorio Veneto, 97, 73024, Maglie (LE), Italy

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marco.daurelio@hotmail.it

22/07/1989, Maglie (LE), Italy



## Professional Experience

Date

Job or place occupied

Name and address of the employer

Type of occupation

10/2012 - present

Junior Technologist

BlueThink S.p.A. - Corso Castelfidardo 30/A - 10129 Turin (Italy)

**Technical responsible** of the electronics department for Emilia Romagna and Central Italy. In charge of developing automated test benches, assisting in test plan, execution and data analysis, and following open innovation projects from the electronic perspective. Designer, developer and tester of a **wireless and batteryless Tyre Pressure Measurement System (TPMS)**. Designer of a mist generator with ultrasonic transducers for home appliances.

Date

Job or place occupied

Name and address of the employer

Type of occupation

01/2014 - 06/2015

Consultant System Engineer

Whirlpool R&D - Cassinetta di Biandronno (VA)

Designer of **cooking control algorithms for Induction Cooktops** in the Advanced Development department. Responsible for system operation, sensor design, performance evaluation, automatic data acquisition and data analysis.

Date

Job or place occupied

Name and address of the employer

Type of occupation

01/03/2011 - 30/06/2011

Researcher in a telecommunication company lab

Telecom Italia TILAB - via Olivetti 6 - Turin (Italy)

Stage in **cloud networks dynamic scaling**

## Education and training

Date

Title of qualification awarded

Name and type of University

Date

Title of qualification awarded

Name of University

Date

Title of qualification awarded

Details

01/09/2011 - 04/2014

**Allievi Honors Program - Master's in Economics**

Collegio Carlo Alberto - Via Real Collegio 30, 10024 Moncalieri (TO), Italy

09/2011 - 12/2013

**Master's Degree in Electronic Engineering** - curriculum in **Micro and Nano Systems** - grade **110/110** - thesis in **designing and testing an innovative batteryless and wireless TPMS**.

Politecnico di Torino - Corso Duca Degli Abruzzi 24, 10129 Turin (Italy)

09/2008 - 07/2011

**Bachelor's degree (double degree** by Politecnico di Torino and Politecnico di Milano) in **Information Technology Engineering** within the "Politong" project - grade **110 cum laude/110** - thesis in **cloud computing** titled "Cloud static infrastructure sizing as a function of SLA"

The first and the third year took place in Turin, the second one took place in **Shanghai, China**, where courses and exams were taught in English. The year spent in China allowed to attend **courses on Chinese language** and culture.

Name and type of Universities

“Politong” is a project promoted by **Politecnico di Torino** (Turin, Italy), **Politecnico di Milano** (Milan, Italy) and **Tongji University** (Shanghai, China).

Date

09/2003 - 06/2008

Title of qualification awarded

High School Diploma (Diploma di Liceo Scientifico PNI) - grade **100 cum laude/100**

Name and type of High School

Liceo Scientifico Statale “Leonardo Da Vinci” - Via G.Toma, 73024 Maglie (LE) (Italy)

### Language skills

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C1 proficient	C1 proficient	C1 proficient	C1 proficient	C1 proficient
<b>Chinese</b>	A1 basic	A1 basic	A1 basic	A1 basic	A1 basic
<b>German</b>	A1 basic	A1 basic	A1 basic	A1 basic	A1 basic

Language certifications

**TOEFL iBT** - overall mark **107/120** (30/10/2010); **IELTS** - overall mark 7.0/9 (25/10/2008).

Experiences in foreign countries

I spent **one year in China** (2009-2010) during my Bachelor’s degree, where I had the opportunity to discover and understand Chinese culture; I took a **two-weeks advanced English course** in Cambridge (09/2012).

### Social skills and competences

Great group spirit, developed by team working and involvement in choruses; flexibility and adaptation to different situations and cultures, developed during one year spent in a foreign country. Being elected students’ delegate at the Collegio Einaudi, ability to act for problems and necessities of many students and to constructively dialogue with the residence’s management.

Organisational skills and competences

Very good ability to organize and manage time while performing more tasks together, experience in leading roles (director of the Collegio Einaudi Choir). As delegate at the Collegio Einaudi, ability to organize events and journeys.

### Technical skills and competences

Ability in understanding problems, finding causes, pointing out potential issues and proposing innovative solutions; ability in designing, implementing and testing an analog or digital circuit on PCB and FPGA; ability in analysing, designing and simulating MEMS; T-shaped person.

Computer skills and competences

Typology	Technology	Level
Programming languages	C, Python	very good
Simulation	COMSOL, MATLAB, Simulink, SPICE	very good
Statistical analysis	Minitab, R	good
Data acquisition	LabVIEW	basic
FPGA	VHDL (Quartus, ModelSim)	good
CAD for electronic circuits	EAGLE	very good
Office applications	Office suite, L <sup>A</sup> T <sub>E</sub> X	very good
Web application testing	Jmeter	very good

Artistic skills and competences

Music (I play keyboard, guitar and bass guitar; I directed Collegio Einaudi Choir and I sing in *Coro Divertimento Vocale*, a 90-singers choir), drilling, reading (participation to the popular jury of the literary prize “Grinzane Cavour”), performance of theatrical roles in amateur acting groups.

Other skills and competences

Ski, bicycle, trekking, swimming.

Driving license  
Additional rewards

B - no car owner

Winner of study place at the student’s residence Collegio Universitario di Torino “Renato Einaudi” for five consecutive years; students’ delegate, during the third year, at one of the Collegio’s residences, and director of the Collegio Einaudi Choir for two years.

Special mention for the 5th placing ex-aequo at the 7th National Certamen of Physics and Mathematics “Fabiana D’Arpa” held in “Liceo Scientifico Leonardo Da Vinci” in Maglie.