



Europass Curriculum Vitae

Personal information

First name / Surname **Mauro Baseggio**
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Nationality Italian
Date of birth 23-10-1986

Desired employment

After comprehensive and interdisciplinary studies in the field of Electronic Engineering and after the first two years of work experience, I would like to further strengthen my training as an Electronic/Computer engineer in areas such as development of embedded systems, control systems traditional or advanced (robotics, computer vision), or applications to mobile devices in Windows or Android environment.

Work experience

Dates From 2013
Type of business or sector Android App and Software in C#
Occupation or position held Freelance Software Engineer
Main activities and responsibilities

1. Development and publishing in Google Store of an application (ZaBa Photo Mosaic) to automatically generate and customize photos mosaic in high performance and definition. For further information about the application, visit the web site: www.zabaapps.com
2. Development of an elaboration software in C#, in connection with an engineering firm civil, to calculate the load effects on an attic and its deformations over the time.

Dates From September 2012
Name and address of employer RCH-Group S.p.a., Via Cendon 39, 31057 Silea (TV)
Type of business or sector Embedded devices for point of sale
Occupation or position held Electronic Engineer
Main activities and responsibilities Firmware developer (C/C++) in ARM or RENESAS architecture for Embedded Systems. Ongoing research for the development of hardware architectures with Android and Java applications for Tablet and PC touch

Dates June 2011 to July 2012
Name and address of employer Tecnogamma S.p.a., Vicolo Ongarie 13, 31050, Morgano (TV)
Type of business or sector Laser and Vision measurement systems for railways and steel mills
Occupation or position held Software Engineer
Main activities and responsibilities Development of an application in Visual C++ for surface defects of the wheel using an innovative ultrasound system.
Implementation of a new algorithm for the calculation of the wheel diameter.
Execution of a feasibility study for the OCR recognition of characters printed on tubes.

Education and training

Dates	October 2008 – April 2011
Title of qualification awarded	Master Degree in Electronic Engineering Major Automation
Principal subjects/occupational skills covered	Advanced control algorithms (based on MPC or Feedback Control with transfer function estimation), estimation and filtering, statistical identification (using PEM) and robotics.
Dissertation Title and Topic	References Generation for Motion Cueing Algorithm, Based on MPC. Research done in connection with Vi-Grade in Udine in order to elaborate a new motion algorithm for a driving simulator based on MPC (Model Predictive Control)
Name and type of organisation providing education and training	University of Padua, Department of Engineering
Level in national or international classification	110/110 cum laude
Dates	October 2005 – September 2008
Title of qualification awarded	Bachelor Degree in Electronic Engineering Major Automation
Principal subjects/occupational skills covered	Education in Electronic Engineering
Dissertation Title and Topic	Adaptive Control and Application to Standard Controller PID.
Name and type of organisation providing education and training	University of Padua, Department of Engineering
Level in national or international classification	110/110
Dates	September 2000 – July 2005
Title of qualification awarded	High school – Scientific Studies major Technology
Principal subjects/occupational skills covered	Scientific studies with special focus on computer science, physics, and biology
Name and type of organisation providing education and training	Liceo Scientifico Primo Levi, Montebelluna (TV)
Level in national or international classification	100/100

Personal skills and competences

Mother tongue **Italian**

Other languages

Self-assessment

European level

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
A1	A1	A1	A1	A1

Technical skills and competences	Programming Languages: <ul style="list-style-type: none"> • C/C++: High • Java/C#: High • Matlab: High Development Software: <ul style="list-style-type: none"> • Visual Studio: Very High • Eclipse: Very High • IAR: Very High Operative Systems: <ul style="list-style-type: none"> • Windows: Very High • Android: High • Linux: Basic Others: <ul style="list-style-type: none"> • Internet: Very High • Office: High
Driving licence	Driving License, own a car
Additional information	
Academic Publications	<ol style="list-style-type: none"> 1. Distributed perimeter patrolling and tracking for camera networks (Decision and Control (CDC), 2010 49th IEEE Conference on, 15-17 December 2010) 2. Study on the Next Generation Motion Cueing for Driving Simulator (Proceedings of the 21st JSAE Annual Congress, 2011, May, Yokohoma Japan)
Work Travel	Business trip to Cairo, Egypt, to train Egyptians railway operators about rail profile measurement system.
Stage during High School	August 2004. INFN (National Institute of Nuclear Physics), Via Marzolo 8, Padua