

# Curriculum Vitae

## Personal information

**First name / Surname** **Dario D'Amico**  
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**E-mail** dario.damico@damix.it  
**Citizenship** Italian  
**Date of birth** 24/08/85  
**Gender** Male

## Occupational field

**- 3D computer graphics and vision;**  
**- Theoretical computer science and compilers;**  
**- Operating systems architecture and real-time systems.**

## Work experience

**Dates** Jul 2008 – Dec 2008  
**Occupation or position held** Software developer, internship  
**Main activities and responsibilities** Development of a Java/XSLT application for automatic real-time code generation from time-line specifications (thesis project).  
**Name and address of employer** Università degli Studi di Firenze, Software Technology Laboratory. References available upon request.  
**Type of business or sector** Software development and research in the field of real-time systems.

**Dates** Jun 2003  
**Occupation or position held** Software developer, internship  
**Main activities and responsibilities**  
– Development of an HTML/ASP/Javascript application for vehicle tracking (AJAX style);  
– Development of a Visual Basic application for rendering of geographical datasets.  
**Name and address of employer** Powersoft S.r.l., 5, Via Enrico Conti, 50018, Scandicci, Italia. References available upon request.  
**Type of business or sector** Fleets tracking and audio amplifiers.

## Education and training

**Dates** Sep 1999 – Jun 2004  
**Title of qualification awarded** Perito industriale capotecnico - specializzazione: informatica  
**Principal subjects/occupational skills covered** Calculus, programming in C and C++, assembly Z80 and 8086, HTML/PHP, databases, analog and digital electronics, statistics, operating systems, principles of networking.  
**Name and type of organisation providing education and training** Istituto Tecnico Industriale Statale "A. Meucci"  
**Level in national or international classification** Diploma di scuola media superiore (ISCED 3), 100/100.

Dates	Sep 2004 – Dec 2008
Title of qualification awarded	Laurea in ingegneria informatica ( <i>degree in computer science engineering</i> )
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> <li>– Geometry, calculus, linear algebra, abstract algebra, discrete math, physics, electronics;</li> <li>– Programming, software architectures, computing architectures, telecommunications, databases;</li> <li>– Automation, system modeling.</li> </ul>
Name and type of organisation providing education and training	Università degli Studi di Firenze
Level in national or international classification	Laurea ( <i>First stage of tertiary education, ISCED 5</i> ), 110/110 cum laude.

**Personal skills and competences**

Mother tongue **Italian**

Other language **English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(\*) *Common European Framework of Reference for Languages*

Social skills and competences	<ul style="list-style-type: none"> <li>– Working in small teams, acquired when developing applications for certain classes at university, as well as projects for personal interest and programming contests.</li> </ul>
Computer skills and competences	<ul style="list-style-type: none"> <li>– Operating systems: Windows and Linux;</li> <li>– Word processing: Office, OpenOffice and LaTeX;</li> <li>– Web development: HTML, XML, Javascript, ASP 3.0, ASP.NET;</li> <li>– Programming: C, C++, Java, C# and .NET, Assembly Z80, 8086 and 80x86;</li> <li>– Graphics programming: DirectX 9/10/11, HLSL, OpenGL, GLSL, WebGL.</li> </ul>
Driving licence	Passenger Car

**Additional information**

**Publication**

Thesis: “Generazione automatica di codice real-time a partire da specifiche di applicazioni di tempo reale” (*Automatic generation of real-time code from real-time applications specifications*). Università degli Studi di Firenze, 2008.

**Publication**

Article: “Automatic Code Generation from Real-Time Systems Specifications”. Proceedings of the 2009 IEEE/IFIP International Symposium on Rapid System Prototyping, Pages 102-105. IEEE Computer Society, 2009.

References available upon request.

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