



# Europass Curriculum Vitae

## Personal information

First name(s) / Surname(s) **Antonio Ferdinando Magni**  
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 Gender Male

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## Desired employment / Occupational field

**Orthodontic software designer where I could possibly make use of my UNIX and JAVA skills.**

## Work experience

Dates	2006 →
Occupation or position held	Research Associate
Main activities and responsibilities	Development of orthodontic and cephalometric informatics standard, software consulting.
Name and address of employer	Bolton Brush Growth Study Center, Case Western Reserve University, 10900 Euclid Ave., Cleveland, Ohio 44106
Type of business or sector	Academic Research
Dates	20/01/2006 - 21/01/2006
Occupation or position held	Committee Member of AAOF Ad Hoc Collections Meeting
Main activities and responsibilities	Informatics Standards Specialist
Name and address of employer	American Association of Orthodontists Foundation 401 N.Lindbergh Blvd., St. Louis, MO 63141-7816
Type of business or sector	Non-profit thinktank
Dates	02/2005 →
Occupation or position held	Working Group 11.6 Co-Chair
Main activities and responsibilities	Coordination of the development of an orthodontic informatics standard.
Name and address of employer	American Dental Association 211 East Chicago Ave., Chicago, IL 60611-2678
Type of business or sector	Standard Developing Committee
Dates	06/2002 - 12/2002
Occupation or position held	Software designer
Main activities and responsibilities	Implementation of an MS-Excel population growth model into JSP based web application.
Name and address of employer	Redefining Progress, 1904 Franklin Street, Oakland, CA 94612 Telephone: (510) 444.3041, Fax: (510) 444.3191
Type of business or sector	Non-profit thinktank
Dates	02/04/2002 - 02/04/2003

Occupation or position held	Software designer
Main activities and responsibilities	UML modelling and JAVA development of an SQL database structured system to control, archive and monitor network based security cameras.
Name and address of employer	The National Council for Scientific and Technological Development (CNPq), University of Brasília, Brazil
Type of business or sector	Software engineering
Dates	02/2001 →
Occupation or position held	System administrator
Main activities and responsibilities	Backup, account creating, database administration, updating and other system administration tasks on UNIX (Linux) servers.
Name and address of employer	brillig.org, 1431 Center St, Oakland CA 94607
Type of business or sector	IT
Dates	09/2000 - 05/2001
Occupation or position held	Biomedical Engineer (Software)
Main activities and responsibilities	Implementation in MATLAB of algorithm to measure T-wave alternans from intracardiac potentials.
Name and address of employer	Heart & Vascular Research Center MetroHealth Campus, Case Western Reserve University, 2500 MetroHealth Drive, Hamman 322, Cleveland, OH 44109
Type of business or sector	Academic Research
Dates	1999 - 2001
Occupation or position held	Operating Room Technician
Main activities and responsibilities	Responsible for the operation and maintenance of stereotactic surgical navigation system (UNIX based) in neurosurgery operating rooms.
Name and address of employer	University Hospitals Health Systems, Neurological Surgery Department, 11100 Euclid Avenue, Cleveland, OH 44106
Type of business or sector	Biomedical Engineering
Dates	08/1997 - 01/1998
Occupation or position held	Teaching Assistant
Main activities and responsibilities	Grading of Physics I course work.
Name and address of employer	Department of Physics, Case Western Reserve University, 10900 Euclid Ave., Cleveland, Ohio 44106
Type of business or sector	Academic
Dates	10/1996 - 09/1998
Occupation or position held	System administrator
Main activities and responsibilities	General system administration of UNIX network.
Name and address of employer	Department of Orthodontics, Case Western Reserve University, 10900 Euclid Ave., Cleveland, Ohio 44106
Type of business or sector	Academic Research
Dates	09/1996 - 03/1997
Occupation or position held	Biomedical Engineering (Imaging)
Main activities and responsibilities	Partecipation in the design, development and testing of a high resolution low cost 3Dimensional surface imaging equipment.
Name and address of employer	Case Western Reserve University, 10900 Euclid Ave., Cleveland, Ohio 44106
Type of business or sector	Academic Research

## Education and training

Dates 01/2003 - 08/2006

Title of qualification awarded Masters in Electrical Engineering (Telecommunications)  
 Principal subjects / occupational skills covered Medical software standards development and implementation, JAVA programming, UML modelling. Networking and networking security, artificial intelligence and imaging manipulation.  
 Name and type of organisation providing education and training Universidade de Brasília, DF, Brasil

Dates 08/1996 - 06/2001

Title of qualification awarded BS in Biomedical Engineering  
 Principal subjects / occupational skills covered Practical and theoretical training of biomedical devices and production of technical reports and articles.  
 General chemistry, physics, statistics, mathematics, electronics and physiology.

Name and type of organisation providing education and training Case Western Reserve University

Dates 09/1982 - 06/1996

Title of qualification awarded German Abitur, Maturità Italiana  
 Principal subjects / occupational skills covered High School education

Name and type of organisation providing education and training Deutsche Schule Genua

**Personal skills and competences**

Mother tongue(s) **English, Italiano**

Other language(s)

Self-assessment  
*European level (\*)*

**Deutsch**  
**Português**  
**Français**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	B2	Independent user
C2	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user
A2	Basic User	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User

(\*) *Common European Framework of Reference (CEF) level*

Social skills and competences Team spirit;  
 Good ability to adapt to multicultural environments, gained through my experiences abroad;

Organisational skills and competences Sense of organisation;  
 Sense of re-utilization (including available work into current project rather than starting from scratch);  
 Experience in project and team management.

Technical skills and competences Repair and maintenance of mechanical, electrical and electronic equipment (I have always enjoyed repairing professional equipment).

Computer skills and competences UNIX (Linux, Mac OSX, IRIX, OpenBSD), Programming (JAVA, perl, bash, C, TeX).

Artistic skills and competences Music theory (harmony, arrangements) trombone and percussions acquired through seminars (Umbria Jazz 2003, Curso Internacional de Verão de Brasília 2004 and 2005) and participation in bands.

## Additional information

### Publication

Article: Solving incompatibilities between orthodontic electronic patient records, American Journal of Orthodontics and Dentofacial Orthopedics, St. Louis

In Press

### Publication

Poster: A proposal of a digital cephalogram standard using DICOM, 5th International Information and Telecommunication Technologies Symposium, Cuiabá, Brazil, December 2006

### Publication

Poster: PANIO: The First Orthodontic Standard, American Association of Orthodontics Annual Meeting, San Francisco CA

May 2005

### Participation to meetings and seminars:

AAO Annual Meeting May 2005 San Francisco, CA; ADA SCDI meetings: march 2005 Atlanta, GA, May 2005 San Francisco, CA, October 2005, Philadelphia, PA, April 2006 Anaheim, CA.

### Attendance to meetings and seminars:

HL7 January Working Group Meeting (2006), Pheonix, AZ.

**EUROPEAN LEVELS - SELF ASSESSMENT GRID**

		<b>A1</b>	<b>A2</b>	<b>B1</b>	<b>B2</b>	<b>C1</b>	<b>C2</b>
<b>U N D E R S T A N D I N G</b>	Listening	I can understand familiar words and very basic phrases concerning myself, my family and immediate concrete surroundings when people speak slowly and clearly.	I can understand phrases and the highest frequency vocabulary related to areas of most immediate personal relevance (e.g. very basic personal and family information, shopping, local area, employment). I can catch the main point in short, clear, simple messages and announcements.	I can understand the main points of clear standard speech on familiar matters regularly encountered in work, school, leisure, etc. I can understand the main point of many radio or TV programmes on current affairs or topics of personal or professional interest when the delivery is relatively slow and clear.	I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect.	I can understand extended speech even when it is not clearly structured and when relationships are only implied and not signalled explicitly. I can understand television programmes and films without too much effort.	I have no difficulty in understanding any kind of spoken language, whether live or broadcast, even when delivered at fast native speed, provided. I have some time to get familiar with the accent.
	Reading	I can understand familiar names, words and very simple sentences, for example on notices and posters or in catalogues.	I can read very short, simple texts. I can find specific, predictable information in simple everyday material such as advertisements, prospectuses, menus and timetables and I can understand short simple personal letters.	I can understand texts that consist mainly of high frequency everyday or job-related language. I can understand the description of events, feelings and wishes in personal letters.	I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary literary prose.	I can understand long and complex factual and literary texts, appreciating distinctions of style. I can understand specialised articles and longer technical instructions, even when they do not relate to my field.	I can read with ease virtually all forms of the written language, including abstract, structurally or linguistically complex texts such as manuals, specialised articles and literary works.
<b>S P E A K I N G</b>	Spoken interaction	I can interact in a simple way provided the other person is prepared to repeat or rephrase things at a slower rate of speech and help me formulate what I'm trying to say. I can ask and answer simple questions in areas of immediate need or on very familiar topics.	I can communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar topics and activities. I can handle very short social exchanges, even though I can't usually understand enough to keep the conversation going myself.	I can deal with most situations likely to arise whilst travelling in an area where the language is spoken. I can enter unprepared into conversation on topics that are familiar, of personal interest or pertinent to everyday life (e.g. family, hobbies, work, travel and current events).	I can interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	I can express myself fluently and spontaneously without much obvious searching for expressions. I can use language flexibly and effectively for social and professional purposes. I can formulate ideas and opinions with precision and relate my contribution skilfully to those of other speakers.	I can take part effortlessly in any conversation or discussion and have a good familiarity with idiomatic expressions and colloquialisms. I can express myself fluently and convey finer shades of meaning precisely. If I do have a problem I can backtrack and restructure around the difficulty so smoothly that other people are hardly aware of it.
	Spoken production	I can use simple phrases and sentences to describe where I live and people I know.	I can use a series of phrases and sentences to describe in simple terms my family and other people, living conditions, my educational background and my present or most recent job.	I can connect phrases in a simple way in order to describe experiences and events, my dreams, hopes and ambitions. I can briefly give reasons and explanations for opinions and plans. I can narrate a story or relate the plot of a book or film and describe my reactions.	I can present clear, detailed descriptions on a wide range of subjects related to my field of interest. I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	I can present clear, detailed descriptions of complex subjects integrating sub-themes, developing particular points and rounding off with an appropriate conclusion.	I can present a clear, smoothly-flowing description or argument in a style appropriate to the context and with an effective logical structure which helps the recipient to notice and remember significant points.
<b>W R I T I N G</b>	Writing	I can write a short, simple postcard, for example sending holiday greetings. I can fill in forms with personal details, for example entering my name, nationality and address on a hotel registration form.	I can write short, simple notes and messages. I can write a very simple personal letter, for example thanking someone for something.	I can write simple connected text on topics which are familiar or of personal interest. I can write personal letters describing experiences and impressions.	I can write clear, detailed text on a wide range of subjects related to my interests. I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view. I can write letters highlighting the personal significance of events and experiences.	I can express myself in clear, well-structured text, expressing points of view at some length. I can write about complex subjects in a letter, an essay or a report, underlining what I consider to be the salient issues. I can select a style appropriate to the reader in mind.	I can write clear, smoothly-flowing text in an appropriate style. I can write complex letters, reports or articles which present a case with an effective logical structure which helps the recipient to notice and remember significant points. I can write summaries and reviews of professional or literary works.