

CURRICULUM VITAE



Ing. Italo Mairo (Engineer)

www.italomairo.com



PERSONAL INFORMATION

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- **Personal web site** <http://www.italomairo.com>
- **Nationality** Italian
- **Date of birth** 12th of December 1968
- **Military Obligations** Accomplished as Second Lieutenant of the Corps of Engineering of the Italian Army
- **Professional qualification** Civil Engineer



SYNTHETIC PROFESSIONAL PROFILE



Civil Engineer (since 1995), with qualified experience and high post graduate formation & abroad exposition.

Expert in digital communications, multimedia, Web 2.0 applied to Engineering, Architecture, Urban Planning, Design and Publishing. More specifically expert in computer applications in the fields of GIS & WebGIS, computer graphics, virtual reality, rendering & animation/video editing.

Advanced Web 2.0 development and programming skills in open source environment (XHTML & CSS, Apache, PHP, MySql, Javascript, Ajax, jQuery, Google Maps API, Openlayers, Drupal 7, Joomla, Wordpress).

Longstanding professional experience as Project Manager in the management of complex projects applied to Land Use Planning and Territorial Marketing, Environmental Planning, Local Development and E-Government.

Consultant/planner for many Local Authorities and bodies, and more recently:

- Technical expert for the Regional Authority of Puglia – Italy (Land and Urban Plan Directorate) for the Regional Geographical Information System planning;
- Technical planner and manager of the GIS service department of ERVET Spa - Emilia-Romagna Regional Development Agency;
- Technical and planning consultant for the Geographical Information System service of the Province of Bologna - Italy;
- Technical and planning consultant for GIS applications development for SIPRO Spa - Province of Ferrara Development Agency - Italy
- Expert consultant for GIS applications in the Italian - Turkey Bilateral co-operation international project

TITOLI DI STUDIO

- Date Since June 1987
- Professional Qualification **Member of the Italian National Association of Engineers**

- Dates March 1995
- Institute **Faculty of Engineering - University of Bologna**
- Principal Subjects Civil Engineering – Structural Specialization
Thesis: Structural design of an underground parking in the presence of surface water (Pizzarrotti Company - Parma)
Matter: Complements of Structural Engineering (Prof. Claudio Ceccoli)
- Title of qualification awarded **Degree in Civil Engineering**

- Dates July 1987
- Institute Scientific High School “L. Battaglini” in Taranto (Italy)
- Principal Subjects Subjects according to the Ministerial Programs for Scientific High Schools
- Title of qualification awarded **Scientific High School Leaving Certificate**

POST GRADUATE EDUCATION AND TRAINING

- Dates (from - to) 7th – 9th of February 2011
- Institute of Education **iPhoneDeveloper – www.iphonedevolver.it**
- Principal Subjects Basic course of programming and developing applications for iPhone, iPod & iPad, with Object C & Cocoa for Apple Mac OS X and IOS

- Dates (from - to) 28th of June – 9th of July 2010
- Institute of Education **Dept. of Archaeology, University of Padua & ITABC CNR - Institute for Technologies Applied to Cultural Heritage**
- Principal Subjects **ITALIAN SCHOOL OF VIRTUAL ARCHAEOLOGY**
The reconstruction of the ancient landscape through virtual reality systems: from data to communication (Cartography and Remote Sensing, GIS, Photogrammetry, Laser scanning, 3d modelling and rendering, virtual reality in real time, digital image processing and interpretation, etc..)

- Dates (from - to) 23th – 29th of May 2010
- Institute of Education **SPAZIO LABO' - Centre of Photography- Bologna (www.spaziolabo.it)**
- Principal Subjects **PHOTO WORKSHOP IN NEW YORK**
“New York Stories: The intuitive document” led by Erica Mc Donald e Andrew Sullivan

- Dates (from - to) 9th – 10th of September 2005 (16 hours)
- Institute of Education **Zucchero di Kanna Snc – CD4Zone Training Centre (<http://www.c4dzone.com>) Peschiera del Garda (VERONA - Italy)**
- Principal Subjects **COURSE OF CINEMA 4D ARCHITECTURAL (Nemetschek certification)**
representation techniques, photorealistic rendering and animation offered by [Cinema 4D](http://www.cinema4d.com) (MAXON) applied to architecture and civil engineering

<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects 	<p>18th of May 2005 (4 hours - Bologna)</p> <p>SIMIT Srl (http://www.simit.it) - L'AQUILA (Italy)</p> <p>3D Concept Seminar modelling, animation and rendering techniques with Cinema 4d and Sketch Up</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects 	<p>15th of April 2005 (6 hours)</p> <p>Apple Italia (http://www.apple.it) - MILANO (Italy)</p> <p>Architecture by Design: rendering and photography 3D design tools and technologies based on Apple Mac OS X operating system (Vector Works, Archicad, Sketch Up, Cinema 4d,)</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects • Qualification awarded 	<p>27th – 31th of May 2002</p> <p>PLANETEK ITALIA Srl (http://www.planetek.it) - BARI (Italy)</p> <p>GIS & Remote Sensing Advanced training on GIS (Geographical Information Systems) & Satellite Remote Sensing techniques and applications</p> <p>High level expertise certification</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects • Qualification awarded 	<p>18th – 22th of October 1999</p> <p>ANGQ (Nation Association on Quality Assurance) – CERMET (http://www.cermet.it) Bologna (Italy)</p> <p>Professional Training Environmental Management Systems Planning ISO 14000 & EMAS</p> <p>CEPAS qualification for EMS assessment (ISO 14000, UE Reg. 1836/93 EMAS)</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects • Qualification awarded 	<p>October 1998 - March 1999 (800 hours)</p> <p>UNIVERSUS CSEI - Politecnico di BARI</p> <p>Master in "Environmental management" Environmental Engineering, Environmental Management Systems, Environmental Law, European Union Environmental Policy</p> <p>Short training (1 week.) in "Environmental Management" (18th – 23th of January 1999) at University of Paisley - Glasgow (Scotland)</p> <p>Certificate of attendance</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects • Qualification awarded 	<p>March- August 1998</p> <p>European Commission– UE – Brussels (Belgium)</p> <p>DG XI: "Environment, nuclear safety and civil protection"</p> <p>Unit D3: "Air quality, Urban environment, Traffic and Noise"</p> <p>Stage – Training-ship Analysis and study of the European urban policies and strategies regarding sustainable urban planning, sustainable mobility and effective use of energy</p> <p>Certificate of Training-ship at the European Union Commission</p> <hr/>
<ul style="list-style-type: none"> • Dates (from - to) • Institute of Education • Principal Subjects • Qualification awarded 	<p>January - May 1997 (120 hours)</p> <p>Italian Association of Engineer & Polytechnic of Bari (Italy)</p> <p>In-company training course on Work Safety and Risk Assessment in mobile and temporary building yards (EU Directive. 89/391/EEC and EU Directive 92/ 57/ EEC)</p> <p>European qualification concerning in-company risks assessment and development of tasks as for the planning and execution of works</p> <hr/>



WORK EXPERIENCE

Web 2.0 & Web Gis 2.0 Applications - Geographic Information Systems for Local development, Land Use Planning and Territorial Marketing

- Dates (from - to) September 2010 – on going ...
 - Institution/Company **INU – National Institute of Urban Planning** 
<http://www.inu.it>
Istituto Nazionale di Urbanistica
 - Department **INU EDITIONS - <http://www.inu.it/inuedizioni/>**
 - Position Held Professional assignment for the creation of digital archive and website of INU EDITIONS, full ecommerce functionality for distribution and sale of products online
 - Specific main projects and activities Informatics analysis and structuration of the catalogue of Magazines, articles and authors. Design and implementation of Web 2.0 application based on Drupal 7 (with personalized functional modules) and implementation of full ecommerce capabilities (Drupal Commerce/Ubercart).
Web application developed: <http://www.inuedizioni.com>

- Dates (from - to) July 2007 – July 2009
 - Institution/Company **Puglia Regional Authority (Italy)** 
<http://www.regione.puglia.it>
 - Department **Land Use Planning Directorate**
 - Position Held Technical consultant for the development of the new GIS-based Regional Geographical Information System, in the framework of Regional Development Plan
 - Specific main projects and activities Technical consultant for the Puglia Region - Spatial Planning Area - for the construction of the Regional Land Information System, institutional analysis and communication (web-oriented) of the Regional Territorial Plan (DRAG) and the Regional Landscape Plan.
 - Position Held Design and construction of GIS applications and site according to Web 2.0 standards
 - Specific main projects and activities Planning and production of the new Regional Land Use Plan web site (<http://paesaggio.regione.puglia.it/>) and of the Landscape Regional Observatory (<http://paesaggio.regione.puglia.it/osservatorio>) an innovative and shared Geographic Information System on the web that allows every registered user (single citizen, public institution or association, private firms and companies' representatives) to insert and publish POIs (points of interest) on the map, as good and bad landscape use examples and practices. 

- Institution/Company **ERVET Spa** 
Emilia-Romagna Regional Development Agency
(Italy) <http://www.ervet.it>
on behalf of the Emilia-Romagna Region Administration 
 - Dates (from - to) February 2004 – on going ...
 - Department **Service for Policies of Local Development and Territorial Planning - ERVET**
 - Position Held Head of Regional Analysis and GIS & WebGis 2.0 applications development

- Specific main projects and activities

Design and technical implementation of Web GIS 2.0 Information System for the Participation Observatory in Emilia Romagna (Experimental Project)



<http://osservatoriopartecipazione.ervet.it/>

Preliminary study and development of the new Regional Geographical Master Plan of the Emilia-Romagna Region (<http://www.regione.emilia-romagna.it/ptr/>)

Concept and design of Web 2.0 platform based on Drupal 7 (inclusive of customized modules and capabilities) to support activities dissemination and promotion of the PTR at regional, national and European level.

Prototype under development: <http://a1ervet.italomairo.com/>

Advanced Multicriteria Spatial Analysis of Socio-Economic, Environmental and Geographical Dynamics of the Emilia-Romagna Region

Project Leader: Emilia Romagna Region – DG Urban and Regional Planning

Project for the update and the analysis of Northern Italy and Emilia-Romagna Geographical Local Systems, in accordance with **EU Espo methodologies**



Project Leader: Emilia Romagna Region – DG Urban and Regional Planning

Preliminary feasibility plan of the Emilia-Romagna “Cispadana Motorway”.

General Objectives: Based spatial data and digital mapping of demographic, economic, urban and environmental analytics and modelling of spatial dynamics in support of the feasibility study

Project Leader: Emilia Romagna Region – DG Spatial Planning and Mobility Systems

- Dates (from - to)

January 2001 – on going ...

- Department

Territorial Marketing (ERVET Spa)

- Position Held

Project manager for Regional Territorial Marketing Information Systems Development

- Specific main projects and activities

Development of the WebGis 2.0

Atlas of the main infrastructured Industrial Areas of the Emilia Romagna Region - <http://aeatlante.ervet.it/>

Technical characteristics: Advanced Web Gis 2.0 Geographic Information System for the territorial marketing of the main infrastructured Industrial Areas of the Emilia Romagna Region, aiming to become ecologically equipped areas



Technical implementation and support for planning, development and update the regional Territorial Marketing Web site www.investinemiliaromagna.it,

Development of on-line GIS applications and representations of the regional Geographic Information System, as a WebGis “Regional Atlas of Industrial and industrial Areas” of the Emilia-Romagna Region (www.investinemiliaromagna.it/atlante)




General objectives: Support the implementation of the new regional industrial policy

Project Leader: Emilia Romagna Region – DG. Productive Activities

- Dates (from - to) January – December 2002
 - Department **Information Society (ERVET Spa)**
 - Position Held Technical expert consultant
 - Specific main projects and activities Consultancy and technical support in the interregional project **SIGMATER** (Cadastral Integrated Geographical Information Systems – www.sigmater.it) in the framework of the national innovation and E-Government program
Project Leader: Emilia Romagna Region – DG. Information & Communication Technologies
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- Dates (from - to) *January 1999 – December 2001*
 - Department **Environmental Efficiency and Sustainable Development (ERVET Spa)**
 - Position Held Technical consultant and project manager
 - Specific main projects and activities Sustainable development projects in the Emilia-Romagna Region through the analysis and the promotion of “Cleaner Technologies & Cleaner Productions” (UNEP def.) and the feasibility study for the application of the EU environmental management systems and strategies (EMS ISO 14000 & EMAS, LCA, Local Agenda A21, etc.)
Project Leader: Emilia Romagna Region – DG. Environment
- Writing of a Manual for the introduction of "Clean technologies and products for environmental efficiency in the touristic sector"
Project Leader: Province of Rimini – DG. Environment
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- Dates (from - to) December 2002 – December 2004
 - Institution/Company **Provincial Authority of Bologna (Italy)**
Via Zamboni 13, 40126 Bologna
 - Department **GIS (Geographical Information System) of the Provincial Land and Mobility Master Planning Sector** (<http://www.provincia.bologna.it/territorio>)
 - Position Held Technical Consultant and planning manager
 - Specific main projects and activities In the context of the acknowledgement study and the development of the new Provincial Geographical Master Plan of the Bologna Province, coordination and setting up of Geographical Information System Service through the wide use of GIS and geographical georeferenced (social, economic and environmental) data sets.
Team coordination, consultancy and technical support in the area of environmental protection in industrial areas, through the design, setting up and analysis of social, economic and environmental data according to the GIS format.
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- Department **Provincial Geographical Information System Service (SOISI)**
 - Position Held Technical expert consultant
 - Specific main projects and activities Operational Consultancy and technical support for the STAR European Project (Strategic Geographical Agency Reunification, www.investinue.net), aiming at the setting up of a web-based geographical information system and a Territorial Marketing web agency.
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- Dates (from - to) 22th of October – 2nd of November 2007
- Institution/Company **Studiare Sviluppo – Rome (Italy)** - <http://www.studialesviluppo.it/homepage.htm>
Ministry of Economic Development (Italy) – <http://www.sviluppoeconomico.gov.it/>
- Department **S.P.O. STATE PLANNING ORGANIZATION (Turchia)**
Italian - Turkey Bilateral cooperation project 
- Position Held Technical Consultant for Geographic Information System Planning and Management
- Specific main projects and activities Training activity regarding GIS applications for Land use plan and analysis, Local Development decision support and Territorial Marketing Information Systems, in the context of the Italy – Turkey Bilateral cooperation project. Link to final report:
http://www.italomairo.com/Italo_Mairo_personal_web_site/Overview_on_GIS_Ankara.html

- Dates (from - to) November 2003 – May 2005
- Institution/Company **SIPRO Spa – Ferrara Provincial Development Agency**
(<http://www.siproferrara.com>)
- Department **Industrial Areas Management Service** 
- Position Held Technical Consultant for Geographic Information System Planning and Management
- Specific main projects and activities Team coordination, consultancy and technical support for the implementation of the project on “Territorial Marketing of the industrial areas and economic promotion of the Province of Ferrara”, the planning and the setting up of the Provincial Information System applied to the Industrial areas, according to the GIS and Web GIS format
http://www.investinferrara.it/aree_produttive.php

Consultancy and technical support for the implementation of the European Project Interreg III C “Ecoland – An ecological approach for the next decades” and the planning and the setup of an geographical information system on derelict industrial areas, in GIS and Web GIS format (<http://www.ecolandproject.com/>)

- Dates (from - to) November – December 2006
- Institution/Company **Municipality of Reggio Emilia (Italy)**
- Department Land Use and Urban Planning Department
- Position Held Technical Consultant and GIS Expert for Spatial Data analysis and maps representation
- Specific main projects and activities Technical support to all spatial analysis and to the setting up and use of Geographical Information Systems (GIS) for the mapping of georeferenced social, economic and environmental data.

- Dates (from - to) January – March 2004
- Institution/Company **FACULTY OF BUSINESS AND ECONOMICS**
UNIVERSITY OF BOLOGNA (Italy) 
- Department **Economic Geography and Economics Department**
- Position Held Technical Consultant for Geographic Information System Planning and Management
- Specific main projects and activities Training seminars focused on GIS applied to economics analysis: practical use of the Emilia-Romagna Regional Atlas of Industrial Sites and of the Territorial Marketing web site www.investinemiliaromagna.it

WORK EXPERIENCE

Engineering, Architecture and Land Planning (Advanced Services)

- Dates (from - to) June 2006
 - Institution/Company **ERVET Spa - Emilia-Romagna Regional Development Agency (Italy)**
<http://www.ervet.it> ,
 - Department **Territorial Marketing (ERVET Spa)**
 - Position Held Technical Planner and developer
 - Specific main projects and activities A multimedia video developed on behalf of the Emilia-Romagna Regional Authority and Territorial Marketing Information tool
http://www.italomairo.com/Italo_Mairo_personal_web_site/Promo_ERVET.html
Project Leader: Emilia Romagna Region – DG. Productive Activities

- Dates February – June 2005
 - Institution/Company **SIPRO Spa – Province of Ferrara Development Agency and Industrial Areas Management (Italy)** - <http://www.siproferrara.com>
 - Department Industrial Areas Management Service
 - Position Held Technical Planner and developer
 - Specific main projects and activities Planning and **production of multimedia video** also with the support of CAD3d/GIS, applications, for the promotion and marketing of two industrial areas in the Province of Ferrara:
 - **Former Sugar Mill of Comacchio**
http://www.italomairo.com/Italo_Mairo_personal_web_site/Ex_Zuccherificio.html
 - **Ferrara Nord new Industrial Site**
http://www.italomairo.com/Italo_Mairo_personal_web_site/Comparto_Ferrara_Nord.html

The products have been shown in the Expo Italia Real Estate (2006)

- Dates (from - to) October – December 2005
 - Institution/Company **Municipality of Monteveglio (Italy)** (<http://www.comune.monteveglio.bo.it>)
 - Department Land Use and Urban Planning Department
 - Position Held Technical member of architectural Planning Group for the Projects concerning the “Competition for the regeneration and planning of the Monteveglio downtown area”
 - Specific main projects and activities **3d Modelling and concept, renderings and high quality graphics representations**
http://www.italomairo.com/Italo_Mairo_personal_web_site/Monteveglio.html

- Dates (from - to) April 2005 – December 2009
 - Institution/Company **Progettazione Moderna Srl – Bologna (Italy)** (<http://www.progettazionemoderna.it>)
 - Department **Engineering, architectural and land use planning company**
 - Position Held External consultancy and technical support
 - Specific main projects and activities Technical support for advanced services and plans, high end 3d rendering, graphic representations and animations

- Dates (from - to) April 2005 – December 2009
- Institution/Company **Arkè - Bari**
- Department **Engineering, architectural and land use planning company**
- Position Held External consultancy and technical support
- Specific main projects and activities Technical support for advanced services and plans, high end 3d rendering, graphic representations and animations

- Dates (from - to) October 2000 – July 2001
- Institution/Company **AIRIS Srl, Progetti e servizi per l'ambiente** (<http://www.airis.it>)
- Department Via San Gervasio, 1- 40121 Bologna
- Position Held **Engineering, architectural and mobility planning company**
- Specific main projects and activities Technical Planner Consultant Engineer
- Specific main projects and activities Technical activities of Environmental and Transport Engineering. GIS Processing for territorial planning and environmental impact assessments.

- Dates (from - to) January 1996 – February 1998
- Institution/Company **V. D'Andria S.r.l. – Taranto (Italy)**
- Department **Ing. Luigi Perrone – Taranto (Italy)**
- Position Held **Engineering, architectural and land use planning companies**
- Specific main projects and activities Technical Planner Engineer
- Specific main projects and activities – Technical planner in Engineering projects, CAD/GIS technician

- Dates (from - to) January 1996 - February 1998
- Institution/Company **STUDIO IMES - Taranto (Italy)**
- Department **SICURECO PUGLIA - Bari (Italy)**
- Position Held **GENESI PROGETTI S.r.l. – Taranto (Italy)**
- Specific main projects and activities **Engineering and safety/health risk analysis/assessment companies**
- Specific main projects and activities Technical Planner Consultant Engineer
- Specific main projects and activities Consultancy and technical support for civil engineering services and plans, environmental services and safety/health risk analysis and assessment in firms and mobile and temporary building yards

- Dates (from - to) July 1995 - October 1996
- Institution/Company **Italian Army - Corps of Engineering Division – Rome & Bologna (Italy)**
- Position Held **Complement Lieutenant**
- Specific main projects and activities In charge of Soldiers' Command and Technical planning and maintenance activities of Barracks and Infrastructures

PUBLICATIONS

Tourism economy and geography – The GIS challenge

Economic geography and economics department - University of Bologna (Italy) Patron Edition (2005)

Territorial Marketing Information Systems – The Regional Atlas of the Emilia-Romagna Region of Industrial Areas - SVG (Scalable Vector Graphics): a new graphic WEB GIS format

From SVG to Web GIS The Regional Atlas on Industrial Areas of the Emilia-Romagna Region

MondoGis n. 40 (January/February 2004) - http://www.investinemiliaromagna.it/atlante/pdf/Summary_Sez_Atlante.pdf

Guide for Environmental Management and Energy saving in Tourism activities in the Province of Rimini

Ervet Spa – Province of Rimini (January 2001)

Territorial Marketing and Handbook guide for foreign investments

Ervet Spa– Emilia-Romagna Region (January 2008)

[The landscape of the Puglia Region on the web](#) – Web 2.0 Geographic Information Systems developed in the new landscape regional plan developing– [Applicando](#) (December 2009)

SOME MAIN SCIENTIFIC SEMINARS AND PRESENTATIONS (HELD AS SPEAKER)

G.I.S. - Geographic Informations Systems for Land use Plan and Analysis Local Development decision support, Territorial Marketing Information Systems

Gis Day 2008 I“Geo Social Networking for the cultural and turistic promotion”

(Faculty of Economics and Business – University of Bari – 19th of November 2008)

http://www.italomairo.com/Italo_Mairo_personal_web_site/GIS_DAY_2008_video.html

Principles and overview on GIS for Land use plan and analysis, Local Development decision support and Territorial Marketing Information Systems

in the context of the Italian - Turkey Bilateral co-operation project (4th of November 2007, Ankara - Turkey, SPO – State Planning Organization) - http://www.italomairo.com/Italo_Mairo_personal_web_site/Overview_on_GIS_Ankara.html

GIS and Tourism Advanced spatial analysis and tour planning tools

ESRI, Gis Day 2003 hosted by the Faculty of Economics and Business of the University of Bologna

(Rimini, 9 November 2003) - <http://www.esriitalia.it/gisday2003/report-rimini.htm>

Management and use of the provincial GIS and spatial data

1st Conference of the Geographical Information System of the Province of Bologna (Bologna, 21th of January 2004)

http://cst.provincia.bologna.it/sitweb/GiornataUtentiSIT2004/Mairo_A27.pdf

The Regional Atlas on Industrial Areas of the Emilia-Romagna Region

Planning, production and functioning techniques

Department of Economics, Faculty of Economics and Business – University of Bologna (Bologna, 3th of March 2004)

<http://www.dse.unibo.it/seminari/Articolo%20ATLANTE%20RER.pdf>

GIS applications and Land Use Planning in the Province of Bologna

7th ESRI Users Conference (Roma, 21 April 2004)

http://www.italomairo.com/Italo_Mairo_personal_web_site/GIS_WebGIS_Ita_files/Presentation_DirA27_1.pdf

Geographic Information Systems (GIS) - The state of the art for managing geographical information data

SIPRO – Ferrara Provincial Development Agency

Interreg IIIC EU Project “[ECOLAND](#)” - Ferrara – 28th – 29th of April 2005

<http://www.ecolandproject.com/file.php?ID=42>

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE OTHER LANGUAGES

- Reading skills
- Writing skills

ITALIAN
ENGLISH
Excellent
Excellent

INFORMATICS SKILLS



Excellent informatics skills

OPERATING SYSTEMS AND OFFICE APPLICATIONS

- Excellent expertise in **Microsoft Windows and Apple Mac Os X** operating systems, with Microsoft Office suite applications (**Word, Excel, Power Point, etc.**), and Apple iWork applications (**Keynote, Pages, Numbers**)

COMPUTER GRAPHICS, CAD & 3d MODELLING, VIDEO

- Expert in Computer Graphics and key applications for photo editing and digital photography (**Adobe Photoshop & Illustrator, Lightroom, Apple Aperture**)
- Good knowledge of publishing applications (**Adobe In Design Acrobat, Xpress**)
- Excellent knowledge of 2D/3D CAD applications (**AutoCAD, ArchiCAD, Vectoworks, Sketch Up**)
- Expert usage of **CINEMA 4D** for 3D modelling, rendering and animation
- In depth knowledge of technical authoring & video editing (**Apple Final Cut Pro, Motion, iDVD & DVD Studio Pro**)

GEOGRAPHIC INFORMATION SYSTEMS - GIS & WEB GIS 2.0

- Excellent knowledge, use and design of Relational DB (**MySQL, Access, FileMaker, etc.**)
- Excellent knowledge and current use of GIS (**ESRI ArcView & ArcGIS Spatial Analyst – Quantum GIS**) and techniques / architectures for the construction, management and publishing of map databases on the web (**WebGIS 2.0**)

WEB PUBLISHING & WEB 2.0 APPLICATIONS DEVELOPMENT

- Excellent knowledge of XHTML, techniques and tools for Web Publishing and major applications (**Adobe Dreamweaver, Komodo, etc.**) and advanced CMSs (**Drupal, Joomla, Wordpress**)
- Advanced Web 2.0 development with opensource frameworks (**XHTML & CSS, Apache, MySql, PHP, Javascript, Ajax, JQuery, Google Maps Api, Openlayers, etc.**)

MAC OS X, IPHONE, IPAD APPLICATIONS DEVELOPMENT

- Basic knowledge of Objective-C and XCode development environment - Apple Mac OS X Cocoa

Technical, management and organisational skills and competences

Mature technical and analytical approach to problem solving, as a result of high level technical education and longstanding work experience acquired so far. Ability to manage coordination, and integration into working groups, developed in the course of professional experiences accomplished as a Project Manager

Ing. Italo Mairo