Curriculum Vitae

<u>PERSONAL DATA</u>

Name	PIRRONE MARCO
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Nationality	Italian
Date of Birth	11/07/1973

<u>PROFESSIONAL EXPERIENCES</u>

August 2013 – present

Chief R&D (Research and Development) Officer, Marketing and Innovation Manager at Consulthink S.p.A

Its job is concerning in ensuring the effectiveness of the overall company offer, especially in terms of innovation, in synergy with the BU offers and initiative. He:

- Defines the proposals to be submitted to the Technical Direction inherent in new research projects and innovative solutions;
- Defines funding applications for research projects and their management with internal and external bodies involved;
- Defines the business plan and the product or solutions / services plan in the medium and short term, which give effect to the business strategy and ensure the achievementof the objectives of marketing and sales expected

December 2009 – July 2013

Chief R&D (Research and Development) Officer at Retis S.p.A

Its job is concerning in

- Assisting in the research and development of new products;
- Assisting in the research and development in the up-grade of existing products;
- Assisting in the research and development of production procedures in the company;
- Conducting analytical analysis / lab testing for existing and new developed products;
- Conducting shelf life study of developed products and provide up to date evaluation table/report for management assessment.

June 2007 - December 2009

Chief Technical Officer at Retis S.p.A

He oversees technical staff at Retis S.p.A, particularly those building products or creating services that embody industry-specific technologies. His role involves also the Product Manager and the Project Manager.

September 2004 – December 2010

Professor at Università degli Studi di Roma "La Sapienza"

He is teacher at the University of Rome "La Sapienza" with a course of computer science for the Aerospace Engineering.

November 1999 - April 2007

Consultant at Eustema S.p.A.

He has participated in different projects in the area of the Document Management, Protocol, BPM and WCM. Particularly he has designed and developed the application connectors for the integration of the tool Ultimus BPM Suite with the Hummingbird DM system document, and with the systems of protocol DocsPA and eProcs.PA. He was involved in problems linked to the project of Content Management tool, named CPS, realized on application server as Bea WebLogic and IBM WebSphere, with Web Server IIS and Oracle and SQL Serve DB, using technology JSP and EJB.

January 2005 - June 2005	**Consultant at Domina Security** Consulting and assistance in subject of security for projects linked to the vulnerability Assessment (particularly execution and analysis of penetration test on Platform complex).
January 2004 - December 2004	**Consultant at Enterprise Digital Architects** During his activity in EDA he was envolved in the realization of a Recommendation Expert system for access to the web contents using cooperating intelligent agents and text classification.
December 1999 - January 2005	**Consultant at Retis S.p.A** He has cover the Project Manager position for several activities concerning the complete development chain (analysis, design, development).
August 1999 - December 2004	**Senior Program Manager at Retis S.p.A** His role is technical manager for the development projects and responsible in charge for the R&D area.

PROFESSIONAL EXPERIENCE AT THE UNIVERSITY

September 2004 – December 2010	**Teacher in Computer Science at Università degli Studi di Roma "La Sapienza", "Aerospace Engineering" department**
July 1999 – December 2003	**Ph.D. Student and Collaborator at Università degli Studi di Roma "La Sapienza", "Computer Science" department** During his university activities, he has participated to different projects as Marviss (Anthropomorphic Hand and Virtual Reality for Robotic System on the International Space Station) and PEGASO (PErcept Golog for Autonomous agents in Space station Operations). Furthermore he has collaborated to the design and development of the several autonomous robots software architecture. As consequence of this activities have been produced several scientific articles.

EDUCATION

January 2003 - December 2005	• **Market Analysis, Sales and Strategic Alliances** • **Knowing how to communicate: To acquire the basic principles of communication** **at** Business School of Corporate Strategy & Project Management, USA
January 2012 - December 2013	**Business English Certificate Preliminary (Pass with Merit)** at British Council Rome
January 2003 - December 2005	**6th Level Certificate of English Language (Advanced)** at British School of English
September 1999 - December 2003	**Ph.D. (Doctor of Philosophy)** at Università degli Studi di Roma "La Sapienza", D.I.S. (Dipartimento di Informatica e Sistemistica). Specialization in Artificial Intelligence with a dissertation titleled: "Active Vision and Visual Attention for Indoor Environment Classification". Score: Maximun.
September 1993 – Semptember 1999	**Degree in Computer Science, graduated summa cum laude** at Università degli Studi di Roma "La Sapienza", with a thesis on "Pianificazione condizionale basata sulla percezione e su sensori parzialmente affidabili." Artificial Intelligence)."
September 1997 – July 1992	**High School in Computer Science** at Istituto Tecnico Industriale "G. Armellini". Score: 60/60.

TRAINING COURSE

November 2006	Oblicore Service Level Management Software (Oblicore Guarantee)
August 2005	SAP EP 150: Analisi e sviluppo on SAP WAS 6.40. Analisi funzionalità del portale SAP EP 6.0
February 2003	WSJDN: Building interoperable Web Services with J2EE and .NET Architectures
April 2002	UML OOA/OOD using UML
March 2002	UML Requisite Pro Fondamental
March 2002	UML Requirement Management with Use Case
March 2002	Sviluppo di applicazioni con EJB
October 2000	IAPR-IC La Visione delle Macchine

LANGUAGES	• Italian - Mother Tongue
	• English - Full professional proficiency

TECHNICAL SKILLS	

- Excellent knowledge of methodologies for software development both traditional (RUP) and agile (eXtreme Programming, SCRUM).
- Programming Languages: fundamentals of Java, C, C++, JavaScript, ASP, SQL, Prolog, Fortran.
- Markup Languages: fundamentals of HTML, XML, XMLSchema, DTD;
- Database: SQL Server 2000, Oracle 10g, MySQL 5;.
- Project and development tools: E-R Model, Data flow diagram, Booch's Object Oriented Analisys, Action Workflow, Workflow Description Language, Rational Rose.
- Modeling Languages: UML.
- Workflow Management Tool: Ultimus Workflow
- SLA Management Tool: Oblicore Guarantee SLA Management & Reporting
- Application Platform: SAP NetWeaver 04 (SAP WAS 6.40 ed EP 6.0)

AWARDS

February 1997

Merit Scholarship at Università degli Studi di Roma "La Sapienza"

Winner of the scholarship supplied from the University "La Sapienza" of Rome for students with merit in the academic year 1996-97

January 1990

Mathematics Olympics at ITIS "G. Armellini"

Winner in the years 1990/91 and 1991/92 of "Mathematics Olympics" ITIS "G. Armellini".

PUBLICATIONS

During the research activities have been produced several publications including there are:

- Autonomous mobile manipulators managing perception and failures. Alberto Finzi, Fiora Pirri, Marco Pirrone, Massimo Romano, Milko Vaccaro. Proceedings of the fifth international conference on Autonomous agents May 2001, pg. 196--203, 2001.
- Risks evaluation and Failures Diagnosis for Autonomous task execution in Space. Alberto Finzi, Fiora Pirri, Marco Pirrone, Massimo Romano and Milko Vaccaio. In proceedings of iSAIRAS 2001 June 18-22, 2001— Montreal, Canada.
- The Mr ArmHandOne Project. A Maze Roamer Robot. Massimiliano Cialente, Alberto Finzi, Ivo Mentuccia, Fiora Pirri, Pirrone Marco, Massimo Romano, Francesco Savelli and Katia Vona. In Proceedings of The Mobile Robot Workshop AAAI-2002./ Memoria alla 1° Conferenza Nazionale "Sistemi Autonomi Intelligenti e Robotica Avanzata", 2002
- Robotica Cognitiva (Dev 08/2002)
- Le reti neurali (Dev 08/2002)
- Mr.ArmHandOne Project: an embodied cognitive architecture for a mobile robot operating in unknown mazes. Massimiliano CIALENTE, Alberto FINZI, Ivo MENTUCCIA, Fiora PIRRI, Marco PIRRONE, Massimo ROMANO & Francesco SAVELLI. Submitted to AAMAS 2003.
- ArmHandX: A Resque Robot V.Capone A.Carbone M. Cialente, I. Mentuccia, F.Pirri, M. Pirrone, M. Romano, S.Storri, D.Ruscitti, G.Ugazio. Robotics and MEMS for vehicles systems workshop, 2003. Marco Pirrone, Valentina Capone, Fiora Pirri, Massimo Romano "Indoor environment recognition based on ambient classification and people detection" 35th International Symposium on Robotics ISR2004.

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