

VITO PERRONE

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Career Profile: I am a requirements engineer and user centre designer with experience in the analysis and design of large scale systems. I have been involved in both research and development projects in the Biomedical, Cultural Heritage and Banking domains in international multidisciplinary contexts. In particular, I have addressed information modelling, semantic integration of heterogeneous data and human computer interaction problems. I have also lectured about requirements analysis and user centre design in academic and training courses and in international conferences. Finally, I have attended several business management and entrepreneurial courses to improve my understanding of business related issues. I consider this as an essential complement to my technical skills which I use in the analysis and design of software solutions which are also sound from a business perspective.

WORKING EXPERIENCES

- **September 2005 – Present: University College London – Computer Science Department – Software System Engineering Group**

Position: Research Fellow, RF 7 (Salary £30k)

Research Activity: I conduct research about requirements analysis, architecture design and human factors for large scale biomedical systems development. I cooperate with the NCRI (National Cancer Research Institute) Informatics Initiative, EBI (European Bioinformatics Institute) in the UK and the caBIG (cancer Biomedical Informatics Grid) in the US.

Teaching Activity: I am a Teaching Assistant for Requirements Engineering and Software Engineering modules

Main Achievements

- I have **proposed a new research strand currently funded** by CR-UK with a grant for a pilot project to investigate how to improve, from the user point of view (cancer researchers), bioinformatics resources.
- I have been the main contributor in defining a **follow-up project proposal which has been funded**.

- **2001 – 2005 : HOC (Hypermedia Open Center) – Electronic and Information Department – Polytechnic of Milan:**

Position: Senior Researcher since May 2004 (Salary €30k plus €5k bonus).

Research Activity: I was responsible for the Multi-Channel Web Design activities. I participated in National and European research projects as Methodologist, Analyst and User Centred Designer and Project Leader.

Teaching Activity: College Lecturer for Basic Informatics modules and Lecturer and Assistant Professor for Web Design and Human Computer Interaction modules in Polytechnic of Milan.

Main Achievements

- I was **Project Leader** from January 2003 to September 2005 for the HOC unit (a multidisciplinary group of 8 people) in a €6 million national research project. I coordinated two other European research projects and 1 knowledge transfer project for the HOC group.

- I **established the group research** about multi-channel and multi-modal web application design and contributed to the writing of several research proposals about this topic, 3 of which have been funded (totally more than 800k euros for the HOC group).
 - I promoted **a cooperation between the group and local companies** generating consulting and joint projects for more than 300k euros
 - I **published more than 15 research papers** in International Conferences and Journals
- **1999 – 2004 Free-Lance Consultant for ITC Italian companies**
Description of Activities: I conducted consulting activities as Methodologist, Analysis and User Centered Designer of projects regarding the development of multi-channel applications for several companies. I lectured in several professional training courses about Web application design with UML, User Centered design, Goal-Oriented requirements analysis, Usability Evaluation.
Clients: Enterprise Digital Architect spa, EWorks spa, CEFRIEL, Gruppo CM spa, Bank 121 spa, Area Bank spa, Superior Council for Public Works, ENCO srl, Selfin spa, BlueMind srl.
 - **1999 – 2000: Vecomp Software S.r.l., Verona.**
Description of Activities: Microsoft ASP developer, development of e-commerce Web sites (in the insurance business)

EDUCATION

- 2007: Part time student** at the **London Business School** of MBA electives about entrepreneurial management
- 2004: PhD in Information Engineering** at the **Polytechnic of Milan (Italy)**, Department of Electronic and Information. **Major Research:** “Conceptual modelling for Multi-Channel Web applications”
- 2000: Degree (5-year Laurea) in Computer Science (Information Engineer)** at the University of Lecce (Italy), Faculty of Information Engineering. Final Mark **110/110 cum laude**.

Foreign Languages : English fluent in reading, writing and speaking. TOEFL vote: 610.

Relevant Professional Training

- Introduction to Bioinformatics: The Bloomsbury Centre for Bioinformatics (1 week, 2006).
- Several Modules about Project Management, Finance, Accounting, Business Management, Human Resources Management at the MIP Business School, Polytechnic of Milan (114 total hours, 2005).
- Communication for the new media: University of Italian Switzerland, Communication Faculty (1 week, 2003).

KEY SKILLS

- Information Analysis and User Centre and Usable Design of large scale software systems (goal-oriented methods, UML object oriented methods, agile approaches); Semantic Integration of heterogeneous information in the biomedical and cultural heritage field
- Ability to work in heterogeneous teams and to report to senior technical and non-technical managers; Project Management and Supervision of research and development projects
- Proposal writing for follow-up or new activities

References

Prof. Anthony Finkelstein, Head of the Department of Computer Science, University College London
 Prof. Paolo Paolini, Head of HOC lab.. Dep. of Electronic and Information, Polytechnic of Milan (Italy)