

Gennaro Frazzingaro Curriculum Vitae

CONTACT INFORMATION	Name	Gennaro Frazzingaro
	Address	Department of Mathematics University of Calabria via Pietro Bucci 87036 Rende (CS) Italy (EU)
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PERSONAL INFORMATION	Date of birth	4. October, 1985
	Place of birth	Rogliano, Cosenza (Italy)
	Citizenship	Italian
	Family Status	unmarried, no children
	Current Position	Master Student in Computer Science enrolled at the Department of Mathematics of the University of Calabria, Arcavacata di Rende, Cosenza (Italy)
EDUCATION	October 2007	Bachelor “Laurea” Degree With Honors in Computer Science at University of Calabria , Arcavacata di Rende, Cosenza (Italy) <ul style="list-style-type: none">• Thesis Topic: Implementing and Extending SPARQL queries over dlhex• Supervisors: Professor Giovambattista Ianni, Professor Axel Florian Polleres• Area of Study: Semantic Web
	Sep. 1999 - June 2004	High School Diploma at “Liceo Scientifico Pitagora” - Rende, Cosenza (IT)
	Sep. 1996 - June 1999	Primary School - Rende, Cosenza (IT)
RESEARCH INTERESTS	Logic Programming, Answer Set Programming, Artificial Intelligence, Semantic Web, Web Services, Semantic Web Services.	
PROFESSIONAL EXPERIENCE	Digital Enterprise Reserch Institute , National University of Ireland, Galway	
	<i>Intern Researcher</i>	April 2007 to May 2007
	<ul style="list-style-type: none">• Designed and performed validation test on dlhex-sparql solver, a SPARQL query solver which use non-monotonic reasoning.• Performed transformation from dlhex-sparql RuleML output to SPARQL Query Results XML Format using XSLT.• Deployed SPARQL-dlhex Web Service using Apache Axis® for machine to machine interoperability over SPARQL SELECT queries.	
	<i>Intern Researcher</i>	August 2007 to September 2007

- Designed dlhex filter-plugin in order to allow FILTER evaluation in SPARQL queries using dlhex reasoner.
- Implemented DISTINCT modifier for SPARQL queries using dlhex reasoner

Universidad Rey Juan Carlos, Campus de Mostoles, Madrid

Socrates Erasmus student

May 2007 to June 2007

- Followed “Recuperación de Información” course in Summer Term 2007
- Performed researches in order to write the bachelor thesis
- Deployed SPARQL-dlhex Web Service using Apache Axis® for machine to machine interoperability over SPARQL CONSTRUCT queries.

TECHNICAL
SKILLS

Extensive hardware and software experience in networking and Information Technology.

Abilities in analyzing and formalizing complex problems in various applied contexts, and in designing and developing high quality computer systems.

Large experience in Advanced Software Programming, Relational Databases, Parallel computing and Grid computing.

High capacities in Artificial Intelligence and advanced Information Systems, like Knowledge-Management, Data-Warehousing and Data-Mining, as well as systems related to the Internet environment.

Markup Languages: HTML, XML and their derived, PHP, SQL, CVS, and others

Programming: C, C++, Java, Pascal, Perl, UNIX shell scripting, and others

Applications: T_EX, L^AT_EX, B_IB_TE_X, Microsoft Office, and other common productivity packages for Windows, OS X, and Linux platforms

Operating Systems: Apple OS X, Linux, BSD, Solaris, and other UNIX variants, Microsoft Windows XP/2000

LANGUAGE
SKILLS

Italian (mother tongue), English, Spanish (spoken), French (scolar).

MATHEMATICAL
EXPERTISE

Linear Algebra, Linear Geometry, Number Theory, Combinatory Calculus, Computational Algebra, Numerical Analysis, Mathematical Analysis

Criptography

Optimization Research, Optimization Techniques