

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	MYRIAM LEGGIERI
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Nationality	Italian
Date of birth	30 MARCH 1984

EDUCATION AND TRAINING

- Dates (from – to) March 2007 - Present
- Name and type of organisation providing education and training Università degli Studi di Bari – Facoltà di Scienze Matematiche, Fisiche e Naturali: **2nd Laurea degree course in Computer Science**, 2nd year's orientation: “Software and Knowledge Engineering”
The “Software and Knowledge Engineering” address is aimed to deepen the study of system design and development stressing autonomy and intelligence.
- Principal subjects/occupational skills covered
- Dates (from – to) October 2003 – March 2007
- Name and type of organisation providing education and training Università degli Studi di Bari – Facoltà di Scienze Matematiche, Fisiche e Naturali: Laurea degree course in Computer Science, 3rd year's orientation: “Knowledge Based Systems”.
The “Knowledge Based Systems” address is aimed to deepen the study of intensive knowledge systems, computational methods related with decision-supporting expert systems, human-machine interaction methods, data integration systems and enterprise organization with new ICT methods.
- Principal subjects/occupational skills covered
- Title of qualification awarded **Laurea degree in Computer Science**
Grade: **108/100**
Thesis title: “Active contour technique to extract shapes from images”
Thesis advisors: Prof. Floriana Esposito, Prof. Stefano Ferilli

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

EXCELLENT

EXCELLENT

GOOD

SOCIAL SKILLS
AND COMPETENCES

Excellent in team work and cooperation – through working in team at university, working extensively in small working groups with methodical approach.

Strong communication skills, listening to others and communicating clearly – acquired through working at university projects. Negotiation and conflict management.

ORGANISATIONAL SKILLS
AND COMPETENCES

In 2005 I participated to “Progetto Mentore”, taking part to a series of workshops/laboratories on:

- creative intelligence
- time management
- group work
- communicating with written documents
- studying method

COMPUTER SKILLS
AND COMPETENCES

Operating Systems: Microsoft Windows, GNU/Linux

Programming Languages: C/C++, Microsoft Visual Basic .NET, Microsoft Visual C#, Java, Intel x86 Assembly, MATLAB, Pascal, CLIPS, Prolog, Javascript, ASP, PHP, JSP.

Markup Languages: HTML/XHTML, LaTeX, XML (XML Schema, DTD, XSLT, XQuery), RDF (RDF Schema), OWL.

DBMS's: MySQL, Microsoft Access, Microsoft SQL Server.

Development Enviroments: Microsoft Visual Studio .NET, Eclipse, Protégé, MATLAB, GATE (General Architecture for Text Engineering), R-cran.

OTHER SKILLS
AND COMPETENCES

I like Solving complex problems, Writing Code, Web designing, Website creation, Network Security.

I'm also interested in painting, wood handling and technology.

Sport: Cycling, Swimming

DRIVING LICENCE(S)

Type: B

ADDITIONAL INFORMATION

During my studies at Università degli Studi di Bari, I realized (alone or in collaboration with others) the following software systems:

- A **suggestive tagging system**, developed as a **web application**, that allows users to tag web URLs suggesting them personal (for registered users), social and semantic tags, plus an intersection of these three categories. It's written in Java (taking advantage of Java Server Pages) and uses a MySQL DBMS, the META Content Analyzer (to retrieve semantic tags) and a Html Parser to pre-process web pages.
- An implementation of the **numerical partitive multi-instance clustering algorithm** named BAMIC, written in Prolog. It's available on my [website](#).
- A software capable to identify the Communicative Act (for example: ASKINFO, ACCEPT, OBJECT..) associated to a User Move (for example a sentence) using **Latent Semantic Analysis**; written in Java.
- An **expert system** for cardiovascular diagnosis, written in CLIPS with a graphical user interface written in Java (interfacing Java with CLIPS thanks to the Jclips library). It uses also a Microsoft Access DBMS to store patient's history. It's available on my [website](#).
- An **expert system shell** implementing a variant of Charles Forgy's RETE algorithm (an efficient pattern matching algorithm for implementing production rule systems), written in C++.
- A **video game** of the classic and well-known game named "Ship War", written in Java with a client/server architecture. It's available on my [website](#).
- A **barcode generator and manager**, developed using Microsoft Visual Basic .NET, Microsoft Visual C# and Microsoft SQL Server.