

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **PASQUALE MINERVINI, MAURO**
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Nationality Italian

Date of birth APRIL 2ND, 1985

WORK EXPERIENCE

- Dates (from – to) JULY 2007 – JANUARY 2008
- Name and address of employer Dipartimento di Informatica, Università degli Studi di Bari – Via E. Orabona 4, 70125 Bari, Italy
- Type of business or sector Intelligent Human-Computer Interfaces, Data Mining
- Occupation or position held Collaborator
- Main activities and responsibilities Study and design of techniques for first-order logic models characterization from natural language descriptions of behaviours in the area of the research project named “CHAT – Cultural Heritage fruition & e-learning applications of new Advanced (multimodal) Technologies”.

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”.
- Principal subjects/occupational skills covered The “Software and Knowledge Engineering” address has the target of deepen the study of design and development of systems with characteristics of autonomy and intelligence.

- 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”.
- Principal subjects/occupational skills covered The “Knowledge Based Systems” address has the target of deepen the study of intensive knowledge systems, computational methods relative to decision-supporting expert systems, human-machine interaction methods, data integration systems and enterprise organization with new ICT methods.

- Title of qualification awarded Laurea degree in Computer Science,
Grade: **110/110, summa cum laude**,
Thesis title: “Theta-Subsumption of Horn clauses: reduction of a NP-complete problem to the Boolean Satisfiability Problem” (available at <http://www.neuralnoise.com/site/?page=Tesi>),
Thesis advisors: Prof. Floriana Esposito, Prof. Nicola Di Mauro.

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, FreeBSD.

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

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

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

Development Environments: Microsoft Visual Studio .NET, Eclipse, NetBeans, Protégé, MATLAB, Emacs.

OTHER SKILLS AND COMPETENCES

Solving complex problems, Passion for Writing Code.

Interested in Photography and Technology. Sport: Swimming.

ADDITIONAL INFORMATION

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

- A module for the INTHELEX Inductive Logic Programming system, implementing various techniques of unsupervised discretization of numeric attributes, written in Prolog and Java.
- 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 systems for cardiovascular diagnosis, written in Java and CLIPS and available at <http://www.neuralnoise.com/site/?page=CaDia>.
- 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 barcode generator and manager, developed using Microsoft Visual Basic .NET, Microsoft Visual C# and Microsoft SQL Server.

I also have interests in computer and information security, like cryptography and software security issues; some examples of security flaws I discovered are available at

<http://www.neuralnoise.com/site/?page=Security>