

GIOVANNI PINI, PH.D.

Born the 18th of March, 1981 in Manerbio (BS), Italy.

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<http://iridia.ulb.ac.be/~gpini>

Current Position

IT consultant at Sopra Banking Software, Belgium.

Working experience

IT consultant at Sopra Banking Software

Apr 13 - current

Sopra Banking Software is a leader in software and IT services for banks and financial institutions.

- Contributions:

Working on a project for a large French bank
Software development, analysis, and design

- Technologies:

Linux, z/Os, Cobol, Java, JSP, Eclipse

- Methodologies:

Scrum

Member of the FET project *Swarmanoid*

Nov 07 - Dec 10

Swarmanoid was an EU-funded research project that aimed to design, implement, and control a system composed of heterogeneous autonomous robots.

- Contributions:

Custom simulation software development (C++) - <http://iridia.ulb.ac.be/argos/>
Robots API implementation (C++, custom scripting language)
Implementation of robots controllers for the project final demonstration (C++)
Reports and documentation, scientific exhibitions

- Technologies:

Linux, C++, Eclipse, SVN, Git

Traineeship at Brescia On Line

Jun 03 - Dec 03

Brescia On Line is an IT service provider in the area of Brescia (Italy).

- Contributions:

Extension of the company's development platform (Java): addition of LDAP services support.

- Technologies:

Linux, Java, LDAP

Education

Ph.D in applied sciences (robotics and artificial intelligence)

Nov 07 - Jun 13

IRIDIA, Université Libre de Bruxelles

Publications

10 articles in international journals (5 as first author),
6 articles in international conferences (3 as first author),
1 book chapter (as first author), 1 short film

Detailed list available at <http://iridia.ulb.ac.be/~gpini/publications.php>

Erasmus student

Sep 06 - Sep 07

IRIDIA, Université Libre de Bruxelles

Master thesis work

Master degree in computer science engineering

Mar 03 - Oct 07

Politecnico di Milano (Italy)

- PASSING MARK: 110/110

- COURSEWORK: Operational research, Soft-computing, Statistics, Information theory, Computer science, Theory of computation, Internet protocols and networks, Control systems, Computer architectures, Software engineering, Artificial intelligence, Formal languages and compilers, Mechanics, Robots' control, Natural language processing, Robotics, Data mining, Logic, Algebra, Agent based systems.

Bachelor degree in computer science engineering

Sep 00 - Dec 03

Politecnico di Milano (Italy)

- PASSING MARK: 106/110

- COURSEWORK: Physics, Computer science, Geometry and mathematics, Electrical engineering, Electronics, Telecommunication, Control theory, Probability theory, Chemistry, Software engineering, Economics, Databases, Automation, Business management, Information systems.

Technical High School Degree

Sep 95 - Jul 00

Istituto Tecnico Industriale C. Marzoli (Italy)

- Specialization: electrotechnology

Computer skills**Operating Systems**

Linux

Windows

z/Os

Programming Languages

C/C++

Java

COBOL

Web

JSP

HTML/CSS

Apache administration

Others

R statistical programming language

L^AT_EX

SQL, postgresSQL

bash scripting

ODE dynamics engine (C library)

SVN, Git, IBM Rational Synergy

Eclipse

Languages

ITALIAN: mother tongue

ENGLISH: fluent

FRENCH: fluent

SPANISH: proficient