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Education:

- 2007** **Ph.D. In Computer Science (abandoned)**
Scuola Galileo Galilei / Department of Computer Science – University of Pisa
- 2007 Biss 2007 – Bertinoro International Spring School
BICI – Bertinoro International Center for Informatics
- 2006** **Master degree in Computer Science (final mark 110/110)**
Department of Computer Science – University of Pisa
- 2002 Bachelor in Computer Science (final mark: 110/110)
Department of Computer Science – University of Pisa
- 1999 High School degree in Scientific Studies
Liceo scientifico Parentucelli (Sarzana)

Other qualifications:

- 2011 French course for foreigners – AFEL & Linguapolis (Valbonne - Francia)
- 2010 Curso intensivo de Espanol en Don Quijote Valencia (A2)
- 2009 Upper Intermediate English course at EC Malta (B2)

Employer: Astek Sud-Est – Company of Astek group
52,54, rue Marcel Dassault 92100 Boulogne Billancourt, France

Technical Skills:

- **Languages:** Java, C#, C++, Php, Asp.NET, Python, Perl, SQL, Shell scripting
- **Libraries:** Spring, Spring MVC, Hibernate, Faces, Icefaces, JSP, Junit, JAX-WS, Axis, Hessian, DWR, DHTML Suite, Jackrabbit, Orchestra, iText, JavaSign/Bouncycastle, Xerces, OpenGL
- **Databases:** MySQL, Oracle, SQL Server
- **Operating Systems:** Windows, Linux
- **Application Servers:** Apache, Jboss, IIS, Oracle Enterprise Manager, LightTPD
- **Others:** UML, Maven, Ant, MjicDraw, CVS, SVN, SourceSafe, Oracle SOA Suite, Oracle OCS, Liferay, Oracle BPEL Process Manager, Jasper Reports, YAWL, QT
- **Development:** Agile, XP, Pair programming, Test driven development

Summary:

I am keen on Computer Science and I am working as a professional since more than 5 years ago. With a **master degree with 110/110 final mark in Information Technologies**, I deepened my experiences mainly in Web Services and Internet technologies. I worked in different contexts, often in optimization of high performance systems. I prefer the creative side of my work, so **design and implementation of new systems** or functionalities.

I worked for banks, supply-chains, for portual authorities and for travel industry, and then I faced different way of applying the same development methodologies like Agile or XP. I developed web sites and small mobile software (J2ME and Android) for my own interest.

Work experience

September 2010 - Present

Amadeus on behalf of Astek

Software Engineer – C++ Developer

C++, Python, Linux, Shell scripting, CVS, UML, Sharepoint, Xerces, SVN, Oracle DB, XP, Agile

Amadeus is one of the most important european company. With the biggest and most powerful civilian datacenter, it is involved in the travel industry with his strongest business in the air travel.

My role is to support and develop two big projects (INP and OUP) regarding incoming and outgoing list of passengers for flights, for which I do bug fix and development of new evolutions. Moreover I am responsible of SKI, the project for SMS Check IN, for which I covered also the role of Software Architect.

I am involved in the entire lifecycle of the software, in optimizing the system for low latency, in developing distributed server side services and in caching technologies and multithreading.

Most of the technologies I am working with are internally developed by Amadeus, and they are based on C++ and Python.

February 2010 – September 2010

Siemens on behalf of Aizoon

Senior C# Developer

C#, ASP.NET, Windows, SourceSafe, Sharepoint, Visual Studio, XP, Agile

Siemens Genova developed MES (Manifactory Execution System), a system layered between applications like SAP and control systems of plants and let users manage the production orders activating machines and equipments in plants in which it is installed.

As senior C# developer, I developed Industrial Library Hybrids, libraries for Industrial Automation, their CAB interfaces and a common library for the main portal. Everything was based on .Net and Microsoft technologies: from versioning tools like SourceSafe to the documental system (Sharepoint) or the IDE (Visual Studio).

March 2009 – February 2010

Elsag Datamat (Finmeccanica) on behalf of Aizoon

Senior J2EE Developer

Java, J2EE, Spring Framework, JSF (Java Server Faces), MyFaces, Orchestra, IceFaces, Ajax, Maven, Ant, Windows, Oracle DB, Jboss, SVN, Axis, JAX-WS, Hibernate, Jackrabbit, Jasper Reports

Elsag Datamat is a big italian IT company belonging to Finmeccanica group. With thousands of employers, it is involved in different projects with various technologies. In my team we work mainly for port authorities, developing documental systems for ports or system for handling radars.

I worked on the development of the digital sign and for an internal framework used for creating a documental system for port authorities.

Even in this case I followed the entire software lifecycle, concurrency in multithreaded enviroments, distributed systems (mainly web services with Spring), development of server-side and client-side libraries and n-tier architectures (MVC paradigm).

For the heterogeneity of the projects we followed and the youth enviroment, we oftwn adopted different approaches to problems and this lead us to be constantly updated on the used technologies. For this reason I studied in this period, for example, different Web Services libraries like Axis, JAX-WS or Hessian, or on technologies for data store and retrival, like Hibernate or Jackrabbit.

For our internal documentation we used JavaDoc and a private wiki (mediawiki) running on Apache and LightTPD, based on PHP and MySQL (WAMP).

October 2008 - February 2009
J2EE Developer – SOA Expert

SkyPerform

Java, J2EE, Spring Framework, Spring MVC, Oracle SOA Suite, BPEL, Ant, Windows, Linux, ESB, ServiceMix, LifeRay, Oracle DB, DHTML Suite, Ajax

SkyPerform was a small company with about thirty developer between the two sites in Turin and Milan. Specialized on developing “turnkey” projects, it obtained work from client of different fields of business. For this reason we had often the chance to try new technologies for adapting our work to the new needs.

During the period in this company I mainly worked with two clients: the first was **Banca Intesa** (bank group) for which we developed a workflow for the invoice system and a system for managing the back office activities.

The second client was **Aspiag-Despar**, a big food supply-chain company, for which we developed a documental system.

The company is Oracle partner.

May 2002 – October 2002
Stage – C# Developer

Optisoft

C#, ASP.NET, SourceSafe, SQL Server, Windows, Visual Studio

Optisoft is a small company of my hometown. Specialized on optimizing algorithms, it is owner of a management system for land trasports called “Travel”. In this company I made the stage for obtaining the bachelor in Computer Science.

I made the porting of Travel on web and I developed a Portal for the world of transports. The company is based on Microsoft tools.

Other details:

<i>Social skills and competences:</i>	I usually have no problem in working with colleagues I like the team work I prefer multietnical enviroments (I am currently working in France)
<i>Organisational skills and competences:</i>	I have no problem in organizing my work and the one of other persons I periodically had the role of team leader I often organized the development of applications from scratch I manage my own timesheet with orders and budgets
<i>Artistic skills and competences:</i>	I like being updated about the world of photography I am able to use some software for photo-retouch (GIMP, Photoshop) I like art and drawing/painting
<i>Hobbies:</i>	Photography Photo-retouch Development of websites Development of small mobile applications (J2ME and currently Android) Technology in general
Last update:	Monday 27th november 2011
Updated CV available here (DOC):	http://www.andrea.lorenzani.name/curriculum/?lang=eng&type=doc
Updated CV available here (PDF):	http://www.andrea.lorenzani.name/curriculum/?lang=eng&type=pdf