



## PERSONAL INFORMATION

Luca Martini



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 [luca.martini82@gmail.com](mailto:luca.martini82@gmail.com)

Gender Male | Date of birth 1982/05/03 | Nationality Italian

## CURRENT POSITION

Software Developer in Cynny S.P.A.

## WORK EXPERIENCE

from 2015/10 to today

## Software developer / designer

Cynny S.P.A

C++ software developer / designer in projects client-side (SDK for mobile), and server-side (a Chord protocol for a P2P-distributed hash table as a nodejs plugin)

Sectors: Software Developing

from 2014/12 to 2015/10

## Post doc. on experimental physics

University of Pisa &amp; INFN

Research and Development for the upgrade of the tracker trigger for the CMS experiment at the LHC, CERN

Sectors: High Energy Physics, Software Developing, Data Analysis, Group Leadership

from 2012/12 to 2014/12

## Post doc. on experimental physics

University of Pisa &amp; INFN

Research and Development for the upgrade of the tracker trigger for the CMS experiment at the LHC, CERN

Sectors: High Energy Physics, Software Developing, Data Analysis, Group Leadership

from 2011/01 to 2011/12

## CERN associate

CERN &amp; INFN

Research and Development on software for the data taking of the CMS experiment at the LHC, CERN

Sectors: High Energy Physics, Software Developing, Data Analysis

from 2009/09 to 2012/12

## Ph.D. on experimental physics

University of Siena &amp; INFN

High energy physics measurements with the CMS experiment at the LHC, CERN

Sectors: High Energy Physics, Software Developing, Data Analysis

## EDUCATION AND TRAINING

2013/12/04

## Ph.D. on experimental physics

EQF level 8

University of Siena (Italy)

Main topics: High Energy Physics, Mathematics, Information Technologies

Final vote: Excellent

2009/07/21

## Master degree on Physics of Fundamental Interactions

EQF level 7

University of Pisa (Italy)

**Main topics:** High Energy Physics, Mathematics, Information Technologies

**Final vote:** 110/110 cum laude

2006/02/20 **Bachelor degree on General Physics**

EQF level 6

University of Pisa (Italy)

**Main topics:** Physics, Mathematics, Information Technologies

**Final vote:** 110/110

## PERSONAL SKILLS

**Mother tongue** Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

**Communication skills** – Excellent communication skills gained through team work and team leader work in INFN and at the CERN  
– Excellent public-speaking skills, gained participating as speaker in many international conferences

**Organizational / managerial skills** – Sense of organization and team work, acquired during my job experiences  
– Leadership, having been responsible of teams of up to ten people

**Job-related skills** – Problem solving  
– Abstraction and mathematization of problems  
– Statistical analysis  
– Software developing and design  
– Numerical simulation

**Computer skills** – Excellent knowledge (more than seven years) of C/C++/C++11  
– Basic knowledge of JavaScript, Python, BASH, SQL  
– Known OSs: Windows, Linux, OSX

**Other skills** – Initiative, desire to do and to learn new things

**Driving License** – B

## ADDITIONAL INFORMATION

**Publications** – Co-author in the CMS collaboration (more than 300 published physics papers)  
– Single author of four High Energy Physics papers

**Conferences** – Speaker in seven international Physics conferences

**Honours and awards** – 2014 Conversi award for best High Energy Physics Ph.D. thesis, by INFN

**LinkedIn profile** [www.linkedin.com/in/luca-martini](http://www.linkedin.com/in/luca-martini)

**Processing of personal data** I authorize the use of my personal data

