

PERSONAL INFORMATION

Luca Martini


Location: Via di Tiglio 531, Capannori, 55012, (LU), Italy

Mobile: +39 333 3766759 **Phone:** +39 0583 90567

Email: 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 & 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 & 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 & 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 & 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

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

