

Curriculum Vitae

Gian Lorenzo Meocci

Senior Software Engineer

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Home city: Barberino Val d'Elsa (Firenze)

Birthday: 8 July 1982

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Professional Experience

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|------------------------|--|
| Jan, 2016 - Present | Senior Software Engineer @Commprove S.p.A. (Florence, Italy). <ol style="list-style-type: none">1. Application Engineer for C++ (C++14/17) server application: Fast Data Aggregation and Analysis2. Backend developer (Elixir)3. BigData Solution Architect: Impala and Spark data aggregation layer |
| Dec, 2012 - Dec, 2015 | Software Engineer @Commprove S.p.A. (Florence, Italy). <ol style="list-style-type: none">1. Application engineer for C++ (C++11, C++14) server and client environment2. Web Application developer: mostly in HTML5, JavaScript (jQuery) and PHP3. BigData group Founder and Member4. Java7 Application maintainer |
| Sept, 2010 - Nov, 2012 | Software Developer @Iamboo s.r.l (Pisa area, Italy) <ol style="list-style-type: none">1. Application developer in C++ and Qt 4.72. Application developer for embedded systems (Raspberry PI, IGEP v2)3. Web Application developer (PHP, HTML5, Javascript, jQuery, JSP, JSTL) |
| Jan, 2009 - Aug, 2010 | Software Developer @C.T. Elettronica s.r.l (Florence area, Italy) <ol style="list-style-type: none">1. Application developer (C, C++ on Linux System)2. GUI developer (C++ and Qt 4.7)3. Web Application developer using PHP and Perl on server side and JavaScript (jQuery) on client side |
| Apr, 2008 - Dec, 2008 | Member of European project SARC, "Research on compilation-time methods for scalable architectures", @University of Pisa in collaboration with University of Siena. The project was developed in C and Perl. |
| Jan, 2008 - Mar, 2008 | Member of European project SPEED, "Research on prototype implementation of methods of encryption with property of Omomorphic regarding sum and/or multiplication", @University di Siena. The project was developed completely in C++. |
| Dec, 2007 | Consulting and application developer for Java infrastructure(J2SE) @Agora ICT (Sienna, Italy) |

Education

Dec, 2007	MSC in Computer Engineering (“Laurea in Ingeria Informatica” 35/S) (Honours). Research area: Security computation and Cryptosystem, title of thesis: “Studio, sviluppo e valutazione di un criptosistema omomorfo”. The project was developed in C++. (University of Sienna)
May, 2005	BSC in Computer Engineering (“Laurea in Ingeria Informatica”); vote: 100/110. The project was developed in C, Java and Matlab. (University of Sienna)
July, 2001	Scientific high school degree (“Diploma di maturità”) at Liceo Scientifico Alessandro Volta. (Colle Val d’Elsa, Italy)

Specialization and Course

Jan 2018	Programming Languages, Part B
June 2016	Functional Programming Principle in Scala
June 2015	Principles of Reactive Programming
December 2014	FP101x Functional Programming course on Edx
08/10/2007	Summer School on Parallel Computing [Advance course] - CINECA (Bologna, IT)
05/09/2005	Summer School on Parallel Computing - CINECA (Bologna, IT)

Skills

Main Programming Languages	C++ (C++14/17) with STL and Boost, Scala, Python
Functional Programming Languages	Elixir (still learning), Scala, Haskell (basic)
WebProgramming	PHP, JavaScript (jQuery), HTML 5 / CSS
Operating System	Debian Linux (advanced level), OpenIndiana, Solaris 10 (basic level)
BigData	Impala and Spark framework on Cloudera distribution
IDE	CLion, Sublime Text 3, Vim, VS Code
Personal intereset	Programming Languages, Linux, #FP
Foreign Languages	Italian (native), English (B2/Intermediate)
License driving	Italian license for vehicle type B

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