


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

- Oct, 2018 - Present Senior Software Engineer @Extendi S.r.l. (Florence, Italy).
1. Backend developer (Ruby/Rails and Elixir)
- Jan, 2016 - Oct, 2018 Senior Software Engineer @Commprove S.p.A. (Florence, Italy).
1. Application Engineer for C++ (C++14/17) server application: Fast Data Aggregation and Analysis
 2. 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).
1. Application engineer for C++ (C++11, C++14) server and client environment
 2. Web Application developer: mostly in HTML5, JavaScript (jQuery) and PHP
 3. BigData group Founder and Member
 4. Java7 Application maintainer
- Sept, 2010 - Nov, 2012 Software Developer @Iamboo s.r.l (Pisa area, Italy)
1. Application developer in C++ and Qt 4.7
 2. 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)
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++.

Professional Experience (continued)

Dec, 2007 Consulting and application developer for Java infrastructure(J2SE) @Agora ICT (Sienna, Italy)

Education

Dec, 2007 MSC in Computer Engineering (“Laurea in Ingegneria 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 Ingegneria 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 (Scheme/Racket)

June 2016 Functional Programming Principle in Scala

June 2015 Principles of Reactive Programming (Scala)

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

Functional Programming Languages Elixir, Scala(basic), Haskell(basic)

WebProgramming PHP, JavaScript, Ruby, 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 interest Programming Languages, Linux, #FP

Foreign Languages Italian (native), English (B2/Intermediate)

License driving Italian license for vehicle type B

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Gian Lorenzo Meocci