

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. 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. Currently part of BigData group4. 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 Homomorphic 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

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| 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

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| 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

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| Main Programming Languages | C++ (C++14/17) with STL and Boost, Scala, Python |
| Functional Programming Languages | Scala, Elixir (entry level), Haskell (entry level) |
| 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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