

Curriculum Vitae

Gian Lorenzo Meocci

Senior Software Engineer

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Professional Experience

Sept, 2021 - Present	<p>Senior Software Engineer @Athonet/HPE (Italy (Vicenza), Remote).</p> <ol style="list-style-type: none">1. Erlang/Elixir 5G Core Network developer: UPF, N4-C (PFCP) interface maintainer2. Low level network C interface maintainer for UPF
July, 2019 - Sept, 2021	<p>Senior Software Engineer @RStor (Italy (Florence), USA (Saratoga)).</p> <ol style="list-style-type: none">1. Team leader for the Transporter product (moving PB of data with high reliability) (Go)2. Backend developer: exa scale storage (Go)
Oct, 2018 - June, 2019	<p>Senior Software Engineer @Extendi S.r.l. (Florence, Italy).</p> <ol style="list-style-type: none">1. Backend developer (Ruby, Elixir)
Jan, 2016 - Oct, 2018	<p>Senior Software Engineer @Commprove S.p.A. (Florence, Italy).</p> <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	<p>Software Engineer @Commprove S.p.A. (Florence, Italy).</p> <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 Member
Sept, 2010 - Nov, 2012	<p>Software Developer @Iamboo s.r.l (Pisa area, Italy)</p> <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)

Professional Experience (continued)

Jan, 2009 - Aug, 2010	<p>Software Developer @C.T. Elettronica s.r.l (Florence area, Italy)</p> <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	<p>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.</p>
Jan, 2008 - Mar, 2008	<p>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 in C++.</p>
Dec, 2007	<p>Consulting and application developer for Java infrastructure(J2SE) @Agora ICT (Sienna, Italy)</p>

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 crittosistema omomorfo”. The project was developed in C++. (University of Siena)
May, 2005	BSC in Computer Engineering (“Laurea in Ingegneria Informatica”); vote: 100/110. The project was developed in C, Java and Matlab. (University of Siena)
July, 2001	Scientific high school degree (“Diploma di maturità”) at Liceo Scientifico Alessandro Volta. (Colle Val d’Elsa, Italy)

Specialization and Course

June 2020	Functional Programming in Erlang (University of Kent)
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

Programming Languages	C++ (C++14/17) with STL and Boost, GoLang
Functional Programming Languages	Erlang, Elixir
Operating System	Debian Linux (advanced level), OpenIndiana, Solaris 10 (basic level)
BigData	Impala and Spark framework on Cloudera distribution
Personal interests	Programming Languages, Linux, #FP
Foreign Languages	Italian (native), English (B2/Intermediate)
License driving	Italian license for vehicle type B

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