Paolo VIOTTI

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*networking and information systems engineer
with expertise in telecommunications and security*

Education

2008 – 2011	**Master's Degree in Computers and Communication Networks**, *Telecom ParisTech, Polytechnic of Turin, EURECOM*, (Italy & France), grade: 110/110 cum laude.
2005 – 2008	**Bachelor Degree in Telematics Engineering**, *Polytechnic of Turin*, Turin (Italy), grade: 110/110 cum laude.
2001 – 2005	**High School Scientific Diploma**, *Liceo Scientifico "G. Giolitti"*, Bra (Italy).

Other courses

Oct. 2012	**Big Dive**, Turin (Italy), `www.bigdive.eu`. One month long hands-on seminar on big data about M.L., scalable computing and visualization

Professional experience

Mar. 2011 – *	**Junior Architect**, *Reply S.p.A.*, Turin (Italy). Helped designing and developing a cross telecom operator mobile payment platform (MobilePay project: `www.mobilepay.it`)
Mar. – Aug. 2010	**Research Assistant**, *Orange Labs*, Issy-les-Moulineaux (France). Studied and tested transport protocols performance in content-centric networks (CCNx project: `www.ccnx.org`)
Jul. – Sep. 2009	**Software Engineer**, *EURECOM*, Sophia Antipolis (France). Designed and developed a client for a P2P social network (SocialNets European project) (Safebook project: `www.safebook.us`)
Apr. – Jul. 2008	**Software Developer**, *System Service S.r.l.*, Fossano (Italy). Developed a driver module to interface a time card reader to a management software

Technical skills

General skills	A passionate developer: I like working with different kind of languages and frameworks, scaling from mobile device apps to large, enterprise-ready applications. Solid knowledge of networking protocols and distributed development. Good understanding of security insights. Open source & startup enthusiast, eager learner.
Programming Languages	Good knowledge of Java, C, Python, Bash scripting, Javascript, C# Basic knowledge of C++, PHP, Ruby, Perl
Technologies	Apache, MySQL, Redis, JQuery, JSON, XML, Git, LaTeX, Android, SOAP & REST WS

Simulation tools	Fair knowledge of Matlab, R and OMNet++ network simulation framework
O.S.	Good knowledge of Unix-like and Windows environments

Relevant coursework

Computer Science	Distributed Software Development, Computer System Security, Software Engineering, Databases, Fundamentals of Data Mining and Machine Learning
Telecom	Signal Theory, Radiofrequency and Photonic Telecommunications, Telematics Networks and Protocols, QoS Issues in Telecom Networks, Mobile Wireless Networks
others	Entrepreneurship

Languages

English	Proficient - *Preliminary English Test Certification ("Pass with merit")*
French	Intermediate - *DELF Certification*
German	Basic
Italian	Mother tongue

Other skills and interests

Organisational skills	Committed, innovative, hard working Good team working skills
Other experiences	Worked as waiter in London during summer 2007 Several experiences of voluntary work dealing with children in summer camps
Hobbies	Swimming, running, playing guitar
References	Available upon request