

# 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).*

## Professional Experience

- March 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](http://www.mobilepay.it))
- March – August 2010 **Research Assistant**, *Orange Labs*, Issy-les-Moulineaux (France).  
Studied and tested transport protocols performance in content-centric networks  
(CCNx project: [www.ccnx.org](http://www.ccnx.org))
- July – Sept. 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](http://www.safebook.us))
- April – July 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 Solid knowledge of networking protocols and distributed development.  
Good understanding of security insights.  
A passionate developer ninja: I like working with different kind of languages and framework,  
scaling from mobile device apps to large, enterprise-ready applications.  
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 Windows, Debian & Fedora Linux, Apache, MySQL, Redis, JQuery, JSON, Git,  $\text{\LaTeX}$ ,  
SOAP and REST web services
- Simulation tools Good knowledge of Matlab, R and OMNet++ network simulation framework
- O.S. Good knowledge of Unix-like and Windows environments

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## 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

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## Languages

English	Fluent - <i>Preliminary English Test Certification ("Pass with merit")</i>
French	Intermediate - <i>DELFL Certification</i>
German	Basic
Italian	Mother tongue

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## Other skills and interests

Organisational skills	Committed, innovative, hard working Good team working skills. Methodical mind
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