

# 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](http://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](http://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](http://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](http://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, L<sup>A</sup>T<sub>E</sub>X, 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