

# Davide Vernizzi

## Curriculum Vitæ

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Complete here.

### Education

- 15 April 2010 **Ph.D. in Computer Science**, *Politecnico di Torino*.  
Thesis: On Trusted and Privacy-Friendly Network Communications.  
Advisor: prof. Antonio Lioy.
- 5 May 2006 **M.Sc. in Computer Engineering**, *Politecnico di Torino*.  
Thesis: Self-adaptive parallel algorithms for computer vision applications. This thesis was written in collaboration with the École Nationale Supérieure d'Informatique et des Mathématiques Appliquées de Grenoble (ENSIMAG).  
Advisors: prof. Bartolomeo Montrucchio (POLITO), prof. Jean-Louis Roch (ENSIMAG).
- 11 July 2005 **Diplôme d'Ingénieur (equivalent to M.Sc. in Computer Engineering)**, *École Nationale Supérieure d'Informatique et des Mathématiques Appliquées de Grenoble (ENSIMAG)*.  
Thesis: Self-adaptive parallel algorithms for computer vision applications.  
Advisor: prof. Jean-Louis Roch (ENSIMAG).
- 12 Sept. 2003 **B.Sc. in Computer Engineering**, *Politecnico di Torino*.

### Work experience

- dal 2011 Developer**, *Ennova s.r.l.*, <http://www.ennova.it/>.  
Development of web and mobile applications for customer care. Integration and development of enterprise services on behalf of telephone companies and energy providers.
- 2010 – 2011 Assegnista di ricerca**, *Politecnico di Torino, Dip. di Automatica e Informatica*.  
Following the Ph.D I continued my research activity at Politecnico di Torino, focusing on *Cloud Computing*.

English here.

### Partecipazione a progetti di ricerca

- 2010-2011 TClouds (Trustworthy Clouds)**, [www.tclouds-project.eu](http://www.tclouds-project.eu).  
Sviluppo di una piattaforma di Cloud Computing resiliente e privacy-enabled.  
Principali partner: IBM, Philips, Ospedale San Raffaele (MI).
- 2010-2011 STORK (Secure Identity Across Borders Linked)**, [www.eid-stork.eu](http://www.eid-stork.eu).  
Sviluppo di un sistema europeo interoperabile per l'autenticazione tramite eID.  
Principali partner: 14 paesi membri dell'UE.
- 2007–2009 Open\_TC (Open Trusted Computing)**, [www.opentc.net](http://www.opentc.net).  
Sviluppo di un framework per Trusted Computing, basato su software open source.  
Principali partner: IBM, HP, Infineon, AMD.

### Competenze informatiche

- |                     |   |       |   |
|---------------------|---|-------|---|
| OS                  | Linux, Mac OS X, Windows  | Altro | MySQL, UML, L <sup>A</sup> T <sub>E</sub> X, Office |
| Programming         | C, Java, Python   | Web   | PHP, Javascript, HTML, CSS                          |
| Programming library | <b>Trusted Platform Agent</b> , <a href="http://security.polito.it/tc/tpa">http://security.polito.it/tc/tpa</a> .<br>C library (Linux, Windows) for application exploiting Trusted Computing and TPM. |       |   |

Programming **DAA Toolkit**, <http://security.polito.it/tc/daa>.  
library Patch for OpenSSL for anonymous authentication using TLS and DAA.

Web **sli-m.com: The slide machine**, <http://sli-m.com>.  
Web service for making presentation basing on mind maps and  $\text{\LaTeX}$ /Beamer.

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## Altre informazioni

**Languages** Fluent in English and French.

**Teaching** Teaching at Politecnico di Torino as teacher assistant and teaching to private companies as teacher.