

## Synopsis

Born in 1973, and having graduated in 2000 in Computer Engineering (MSc) at Politecnico di Torino and the following year having been admitted to the professional association of the engineers of the Province of Torino, since 1996 I have been working as an independent consultant for government organizations and companies in Italy and abroad, mostly on projects related to the analysis and development of Free Software based systems, mainly in the macro-area of GNU/Linux system programming and web applications.

## Main professional experience

- 2005 – 2009, 2011: intensively modified the core of Joomla! and other activities as a GNU/Linux / senior analyst and PHP5 web developer (CSI-Piemonte);
- 2011: analysis and development of a Java PKCS#11/SOAP bridge (SISTR1\*);
- 2010 – 2011:
  - developed a private enterprise Android Application (WOW SpA);
  - technical consultant for the Court of Pinerolo (2005, -);
- 2003, 2010: collaborated in the customization of a large-scale software installation tool for GNU/Linux servers (TNT Global Express SpA);
- 2009: collaborated in the study of processes and tools for client/server mobile applications (Dipartimento di Automatica e Informatica del Politecnico di Torino);
- 2000 – 2006: taught 1,136+ hours of GNU/Linux related courses (CSEA ScpA, CSI-Piemonte, RAI\*, Regione Lombardia\*, Regione Piemonte\*, SCAI SpA\*, TNT Global Express SpA);
- 2004: analysis and development of a sg-based user space Linux driver for the Olivetti PR6 printer (Gruppo Poste Italiane SpA\*);
- 2003: International project (I, USA): modified a part of the immunochemistry software of the QNX based Image 800 (Beckman Coulter Inc.\*);
- 1999 – 2001: International project (DK, I, UK): analysis and development of the web server of the post doc microelectronics courses of the European Union (CoREP / Politecnico di Torino).

## Main positions

- Board member of NOKE Srl<sup>1</sup> (2011, -);
- Board member of WOW W3 Investments Ltd.<sup>2</sup> - UK (2011, -);
- Charter member and Board member of WOW SpA<sup>3</sup> (2008, -);
- Charter member of Nascor Srl (2007 – 2010).

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\* Indirect customer

1 <http://noke.it/>

2 <http://w3inv.co.uk/>

3 <http://wow.pe/>

## Publications and the like

- 2011 interviews (I) and speeches (S): Caixin Media (I, 2011), AWEC2011 (S, Belgium, 2011), Radio24 (I, 2010), Italia Oggi (I, 2007), Top Trade Informatica (I, 2007), {POLI, UNI}TO (S, 200{2, 1}), Radio Radicale (I, 2000), IMGC/CNR (S, 2000);
- 2009: contributed to the book “Il software libero in Italia”<sup>4</sup>;
- 2001, 2003, 2009: contributed to GNU Scientific Library Reference Manual<sup>5</sup>;
- 2003, 2004: knopILS 0.{3, 4, 7} (Linux Pro, IBM, Ergo).

## Main contributions to Free Software projects

- 2006 - 2011: wrote “trivial hacks”<sup>6</sup>: a set of small plugins for DokuWiki, Google Maps, Joomla, jQuery, WordPress and others, mostly AJAX/LAMP based;
- 2010: developed JPA<sup>7</sup>: a JSON based Android application retrieving partners' details of a generic company;
- 2008: developed oid<sup>8</sup>: a GNU GPLv3 fork of the JanRain OpenID server that manages passwords according to the Italian law (D. Lgs. 196/2003).
- 2006:
  - contributed to The HoneyNet Project with bup<sup>9</sup>: an updated and improved version of the Chuvakin's bash syslog patch that is listed on the FSF/UNESCO Free Software Directory (2003 – 2006);
  - contributed (with special mention) to Securing Debian Manual<sup>10</sup> (2002 – 2006);
  - wrote tkp<sup>11</sup>: trivial janitor patches mostly merged in Linux (2003 – 2006);
- 2005:
  - developed knopILS<sup>12</sup>: a Free Software only localized KNOPPIX (2003 – 2005);
  - contributed to the GSL<sup>13</sup> as a minor author (2001 – 2005);
  - developed libsgc<sup>14</sup>: a library to manage sg Linux driver (2004 – 2005).

## Extras

Produced Déjà Vu<sup>15</sup>, a short film with 16 people involved.

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4 <http://yoc.to/2R> - ISBN 978-88-88865-76-8

5 <http://www.network-theory.co.uk/gsl/manual/> - ISBN: 0-9546120-7-8

6 <http://perassi.org/tag/trivial-hacks/>

7 <https://github.com/carlok/jpa>

8 <http://goo.gl/3TJ1Y>

9 <http://www.linux.it/~carlo/somehacks/bup/>

10 <http://www.debian.org/doc/manuals/securing-debian-howto/>

11 <http://www.linux.it/~carlo/somehacks/tkp/>

12 <http://knopils.linux.it/>

13 <http://www.gnu.org/software/gsl/>

14 <http://libsgc.sourceforge.net/>

15 <http://dejavu.to/>