

PILOLLI PIETRO  
Via Brunetta 8  
10139 Torino – Italy  
Tel 0039 011 33 83 71  
[zion80@jumpy.it](mailto:zion80@jumpy.it)

Nationality: Italian  
Birth date: October, 21<sup>st</sup> 1980

## Education

*Setpember 1999 - December 2003 University of Turin*

“Degree in Computer Science, Networks and Systems oriented”

Main subjects: networks, operating systems, database management, coding.

Thesis: “Open Video Streaming Server; protocols, applications, performance evaluation”

*September 1994 – September 1999 Liceo Scientifico Majorana (Torino)*

High School scientific degree

Main subjects: mathematics, physics, chemistry, information and communication technologies

## Professional Experience

*October 2002 - December 2003 University of Turin*

A final stage at the University of Turin.

In this context I realized an on line real-time TV system based on open source software.

Thanks to this project, I acquired a significant knowledge about TCP/IP and RTSP/RTP protocols. The operating system used was Debian GNU/Linux. The software tools used were Apache Web Server (Apache Foundation) and Darwin Streaming Server (Apple). The servers were monitored using MRTG, RrdTool and SNMP agent net-snmpd.

*November 2001 - December 2003 Intexa S.r.l (Turin).*

I worked in Intexa as a coder and system administrator. In this context I ported a software application for industrial purposes to GNU/Linux .

The application was written in C++, with an interface based on the OpenGL libraries. I acquired a significant knowledge about the Linux kernel and the Xfree86 server.

## Relevant Skills

Programming Languages: C, Java, Pascal  
DataBase Systems: Mysql, Postgresql, Oracle  
Operating Systems: Gnu/Linux, Unix\*, \*BSD\*, Sun SOLARIS, Windows  
Protocols: TCP/IP,FTP,RTP/RTSP  
Known Languages: Italian, Technical English

## Interests

*Network security.* I like to test and tweak the security levels of networks. My favorite tools in doing so are tcpdump, nmap and arpspoof.

*Education.* In my free time I offer free basic courses of Linux usage and coding at public structures.

## References

Available upon request