

# Curriculum Vitæ

Danilo Poccia

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## 1 Personal

**Marital status** single

**Nationality** italian

**Date of birth** July 20, 1974

**Place of birth** Rome, Italy

**Address** Via Pietro Belon, 143  
00169 Roma  
Italy

**Phone** home +39 06 265969  
mobile +39 338 1557780

**Email** me@dpoccia.cjb.net

**Home page** <http://dpoccia.cjb.net>

## 2 Objectives

Use the new powers offered by Internet and wireless communications to enhance and certify the secure exchange of *informations* in research, business and common life.

Develop a background on modelling *complex systems*, in particular cooperative and evolving environments, and use this knowledge in resolving critical optimization problems.

Apply such knowledge to artificial intelligence (AI) models, artificial life (AL) experiments, learning systems, biological simulations.

## 3 Education

**1993** Scientific H.Sc. Degree, Institute “Pio XII”, Rome, Italy.

**1993 - present** Completing a B.Sc. Degree in Physics, University of Rome “Tor Vergata”, Italy.

## 4 Foreign languages

**English** Good knowledge in reading, writing and conversation.

## 5 Professional experience

**1996 - 1997** Programmer, BAT S.a.s., Rome, Italy.

**1998** Programmer analyst, Sesam S.p.A., Rome, Italy.

**1998 - present** Programmer analyst, Atos S.p.A., Rome, Italy.

## 6 Customers

**1996 - 1998** TIM, Telecom Italia Mobile, in the Integrity Billing group for the GSM Consumer/Corporate subscriber billing. In specific:

- from 1996 to 1997 several projects of billing certification, Oracle RDB (6 & 7)/Open VMS (VAX & Alpha);
- in 1998 several procedures to verify the billing of Call Data Records (CDRs), Oracle (8.0)/Unix (Digital Unix).

**1999** TIM, Telecom Italia Mobile, management support to the new billing platform, Oracle (8.0)/Unix (Digital Unix).

**1999 - present** HP, Hewlett Packard, quantitative & qualitative analysis of telephone networks, Oracle (7.3)/Unix (HP-UX).

**1999 - present** HP, Hewlett Packard, development & optimization of the Internet/Intranet services of Telecom Italia, Unix (HP-UX, Solaris, Linux, AIX)/WinNT, in specific:

- optimization of TCP/IP in a proxy/firewall environment (ICP, HTCP);
- network management & monitoring (SNMP);
- WWW security (HTTP authentication (direct/proxy), SSL, IPsec).

## 7 Technical experience

**Platforms** Unix (HP-UX, Sun Solaris, Linux, Digital Unix (now True64 Unix), AIX), Open VMS (VAX e Alpha), Windows NT (Intel), Windows 9x.

**Programming languages** C, C++, Perl[1], Java[2], Python[3], SQL, Cobol, Fortran, Pascal, DCL, some knowledge of Prolog, Lisp, Scheme (Guile[4]).

**DBMS** Oracle RDB (6 e 7), Oracle (7.3 e 8.0).

**Client/Server** Design & implementation of data retrieval interfaces and data warehouse applications using ODBC e JDBC.

**Networking** Internet services, in specific:

- TCP/IP, HTTP, Jini;

- remote management: SNMP;
- proxy/caching: ICP, HTCP (Squid[5], Netscape Proxy Server);
- email: SMTP, POP3, IMAP4 (sendmail[6], exim[7], Netscape Messaging Server);
- directory: LDAP (OpenLDAP[8], Netscape Directory Server).

**WWW** HTML, CGI, Java Applet, some knowledge of XML, DTD, MathML[9].

## 8 Note

This curriculum is provided for information only, please don't use it for any commercial intent.

## References

- [1] <http://www.perl.com>
- [2] <http://java.sun.com>
- [3] <http://www.python.org>
- [4] <http://www.gnu.org>
- [5] <http://www.squid-cache.org>
- [6] <http://www.sendmail.org>
- [7] <http://www.exim.org>
- [8] <http://www.openldap.org>
- [9] <http://www.w3.org>