

GUIDO VICINO
Curriculum Vitae/International Resume

Date of birth: Casale Monferrato (AL), 27-09-1982

Address(es): Cavalcavia Street 9, Casale Monferrato (AL),
Postal Code 15033, Italy

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Education: Secondary School Focusing on Sciences (82/100)

Computer Science 1st Level Degree (110 cum laude),
Università del Piemonte Orientale (Alessandria)

Computer Science 2nd Level Degree focused on
"Advanced Systems and Network Environment"
(110 cum laude),
Università del Piemonte Orientale (Alessandria)

Thesis title: "Studio ed implementazione di
metodi di previsione dei guasti per politiche di
scheduling in ambito Desktop Grid "

Thesis title (eng): "Study and implementing of
fault prediction methods for scheduling policies in
Desktop Grid Environment"

Language(s): Good written English, Fairly good spoken English,
Fairly good German

Working Holiday(s): German Course in Wuerzburg (Germany, one-
month ext.)

Followed Courses
(not certificated): Sun Solaris 9 System Administrator
Sun Java Programmer
Cisco Network Accademy

Followed Courses:
(certificated) Advanced Security Course of Secure Group
S.r.l.

Computer skills:

Programming Languages:

C, Java, Perl, Unix Shell, SQL, XHTML, Javascript, Visual Basic, Assembly, Ocaml, LaTeX

Web-oriented Languages:

Java Servlet, Java Server Pages, Java Portlets, Java Struts

Operating Systems:

GNU/Linux: administration level
Solaris: administration level
General Unix-Like: administration level
Windows: user level
MacOS: user level

Distributed System

Advanced knowledge of OurGrid
Basic knowledge of BOINC
Basic knowledge of Globus Toolkit

Various skills:

Object Oriented Programming
Unix Network Programming
Web Portal Programming
LAN Design and administration
Server Design and administration
Database Planning
Unix/Linux/Windows Security
Cryptographic Topics
Unified Modelling Language (UML)
Base knowledge of Artificial Intelligence
Base knowledge of Machine Learning
Base knowledge of Game Theory
Base knowledge of Compilers
Theoretical knowledge Data Warehousing
Knowledge of Grid Computing
Knowledge of Distributed Systems

Networking:

TCP/IP IPV4 Suite (good)
TCP/IP IPV6 Suite (fairly good)
Firewalling, packet filtering, NAT (iptables)

Ip Security Protocol (IPSEC)
Virtual Private Networks
Standard 802.1, 802.3, 802.3

Network services:

HTTPd (Apache, Apache SSL)
DNS (bind)
SMTPd (postfix, qmail)
FTPd (vsftpd, proftpd, wuftp)
DBMS (mysql)

Security:

Vulnerability assessment tool:

Tcpdump, Wireshark, Ettercap,
Nmap, Nessus, Hping, Kismet,
Strace, Lsof, Ifstatus

Intrusion Detection System:

Snort, Lids

Log Analyzer:

Swatch, Logsurfer, Logwatch

File Integrity Checkers:

Tripwire, Chkrootkit

Port Scan Detectors:

Portsentry, Scanlogd

Cryptographic Tools:

PGP, GPG, MD5, SHA, JTRipper

Antispam and Antivirus:

Spamassassin
Clamav

Office and productivity tools:

Microsoft Office Package
Star Office/Open Office
Adobe Photoshop
Macromedia Dreamweaver

Macromedia Flash
Eclipse 3.0
ArgoUML
CVS
Mercurial

Application and portal server:

Apache Web Server
Apache Tomcat Server
Sun One Portal Server
IBM WebSphere
Jakarta Jetspeed

Work experience(s):

Small networks installation and configuration
Small networks firewalling
Web-design experiences

Professional stage(s):

IBPS Vimercate(2004): Analysis and porting for EON Java Intranet Components following the JSR-168 standard.

Research resume:

Study and implementing of fault prediction methods for scheduling policies in Desktop Grid Environment.

Free collaboration at “Distributed Computing System Group” of Università del Piemonte Orientale, Alessandria (Italy)

Predicted work availability time:

July 2007

I hereby authorize the treatment of my personal data according to the Italian law 675/96.

Guido Vicino