

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

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Nationality Italian
Date of birth 30/11/1981

WORK EXPERIENCE

- Dates (from - to) May 2007
- Name and address of employer Department Of Defense, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the "Unix Security" course in Department Of Defense.

- Dates (from - to) December 2006-present (October 2007)
- Name and address of employer ZeroClock, Rome
- Type of business or sector IT Security
- Occupation or position held Technical Project Manager, Security Specialist, Analyst/Developer
- Main activities and responsibilities Analysis, development and deployment of a network recording, log management and event correlation infrastructure in a major Italian telecommunication provider. I've been involved in all the project lifetime accomplishing tasks like product scouting, editing feasibility study, engineering architecture project and implementation. More precisely:
 - project analysis
 - gathering of user requirements from customer
 - product scouting
 - advanced security scenario, use of multiple security techniques to accomplish several security requirements as:
 - Log non-repudiability via PKI timestamp authority
 - LAN division via VLAN
 - project planning

- resource allocation and management
- architecture design
 - log management platform to serve 100 heterogeneous Windows/Unix systems
- deployment and assistance
 - advanced firewalling with Linux
 - PKI (Certification Authority and TimeStamp Authority)
 - GPS based time synchronization
 - VLAN integration between Linux and CISCO equipment
 - high availability Oracle/Novell Sentinel platform via Sun Solaris and SunCluster

Analysis and presentations for other projects. Main activities:

- ideation and development of new security services/architectures
 - brainstorming
 - scouting
 - presentations
 - models

- Dates (from - to) Avril 2006-December 2006
- Name and address of employer ZeroClock, Rome
- Type of business or sector IT Security
- Occupation or position held Security Specialist
- Main activities and responsibilities Security Assessment for a major Italian telecommunication company. I've been involved in:
 - gathering of security requirements
 - development of an assessment/security evaluation model
 - implementation of the evaluation methodology and the automatic model application software (based on first order programming logic)
 - evaluation and assessment of a set of 36 enterprise applications.

- Dates (from - to) December 2006
- Name and address of employer AMI FB, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the "Advanced Linux" course in a major Italian telecommunication company (Italcable, Telecom Italia group). The teaching involved advanced Linux management including clustering aspects (network failover as well as volume management, backup).

- Dates (from - to) December 2006
- Name and address of employer Department Of Defense, Rome
- Type of business or sector IT
- Occupation or position held Teacher

- Main activities and responsibilities Teacher in the “Unix Security” course in Department Of Defense.
- Dates (from - to) October 2006
- Name and address of employer Eyes, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the “Ericsson Linux MX-ONE” course in Ericsson's certified partner Eyes Italia.
- Dates (from - to) September-January 2006
- Name and address of employer Eyes, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the Java course.
- Dates (from - to) September 2006
- Name and address of employer Sincrono, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the “Unix Base” course for [Accenture Technology Solutions.](#)
- Dates (from - to) May 2005, October 2005
- Name and address of employer Elea, Rome
- Type of business or sector IT
- Occupation or position held Teacher
- Main activities and responsibilities Teacher in the C++ course
- Dates (from - to) March 2005-April 2005
- Name and address of employer Nexsoft/Itsys, Rome
- Type of business or sector IT Security
- Occupation or position held Security Specialist, Senior Unix Administrator
- Main activities and responsibilities Hardening for Sun Microsystems of a customer's CED build farm containing sensible military marine data to obtain a government security certification.
- Dates (from - to) July 2004-December 2004
- Name and address of employer Nexsoft/Itsys, Rome
- Type of business or sector IT Security

- Occupation or position held
Security Specialist, Senior Unix Administrator
- Main activities and responsibilities
Hardening for Sun Microsystems in a major telecommunication company (TIM) of a wide set of Sun systems in production enterprise applications.

EDUCATION AND TRAINING

- Dates (from - to) 2000-present
- Name and type of organization providing education and training
University of Rome "*Tor Vergata*"
 - Principal subjects/occupational skills covered
Student at "*Informatic Engineering*" faculty. Almost finished the first level degree (29 over 35 exams).
- Title of qualification awarded
- Level in national classification (if appropriate)

PERSONAL SKILLS

AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

English

Good

Good

Good

ORGANISATIONAL SKILLS

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Project management:

- software life cycle, agile programming
- assessment methodologies
- requirement gathering
- product scouting
- project analysis
- project planning (tasks identification and resource assignment)

TECHNICAL SKILLS

AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

Senior UNIX System Administrator:

- 7 years of UNIX experience, mostly with Sun Solaris, HP-UX and Linux:
 - development and deployment of UNIX based solutions
 - configuration/maintenance of popular fileserver services, as:
 - nfs (automounter, autofs)
 - samba
 - ftp
 - configuration/maintenance of the popular databases/directories, as:
 - LDAP (Sun Directory Enterprise Server (iPlanet), OpenLDAP)
 - RDBMS (Oracle 9i, 10g, Postgresql, MySQL)
 - DNS (bind)
 - NIS
 - configuration/maintenance of webservers/application servers like:
 - apache
 - tomcat
 - configuration/ maintenance of high availability environments, using tools like:
 - network failover (on Sun, Linux)
 - Sun Cluster 3.x
 - HP ServiceGuard
 - configuration/ maintenance of data storages
 - Good knowledge of SCSI, Fibre Channel and RAID levels
 - HP-UX LVM

- Sun Solstice DiskSuite (Solaris Volume Manager)
 - Sun ZFS (Solaris 10)
 - Linux LVM and software RAID (md)
- configuration/maintenance of computer networks, using technologies like:
 - CIDR
 - RIP, OSPF (on HP-UX)
 - IPSEC (on Linux)
- firewall management
 - iptables (on Linux)
 - ipfilter (on Unix)
 - CheckPoint Firewall-1 (basic skills)

Senior C/C++ Analyst/Programmer, Java Analyst/Programmer:

- 7 years of C/C++ experience
- knowledge of the base principles (structures, algorithms and paradigms) of computer science, as:
 - data structures
 - algorithms
 - computability
 - parsing theory
 - declarative, imperative and functional programming
 - OOP, OOA and UML
 - concurrent programming (multithreaded, multiprocess)
 - operating systems
 - relational databases
 - design patterns
- knowledge of many technologies and APIs like:
 - XML (DOM, SAX)
 - XSLT
 - OpenGL
 - UNIX API
- strong C/C++ knowledge
 - Standard Template Library
 - Boost
 - Template metaprogramming
- strong POSIX shell knowledge
- advanced Perl knowledge
- good PHP knowledge
- discreet Java knowledge (J2SE)

Network specialist:

- TCP/IP networks, routing and services
- firewalling experience
 - asymmetric routing
- VOIP experience on opensource environments
 - SIP protocol
 - IAX protocol
- VLAN tagging

IT Security Specialist:

- experience with security requirements, methodologies and best practices, as example
 - BSS 17799
 - OWASP
- experience with the common issues of security in enterprise environments, like
 - identity and Access Management
 - log management
 - auditing and event correlation
- theoretical and technological comprehension of hacking techniques as:
 - code injections
 - buffer overflow
 - format string
 - SQL injection
 - race conditions
 - denial of service
- hardening tools
 - JASS on Sun Solaris
 - GRSecurity on Linux
- identity and access management
 - Sun Enterprise Directory Server
 - OpenLDAP
- auditing
 - Novell Sentinel 6
 - ability to write custom collectors
 - cluster deployment
 - Network Instruments Observer 11/12
 - Network Instruments GigaStor platform
 - Nagios
 - advanced passive-only scenarios
 - BSM on Sun Solaris
- intrusion detection system
 - Snort

DRIVING LICENCE(S)

Italian driving license (B)

ADDITIONAL INFORMATION

ANNEXES

none