

SUMMARY

Extensive knowledge of Intelligence and investigation principles and methods. Cyber-Crime, Cyber-Conflicts, Cyber-Warfare. Custom virus writing, microspy search, wiretap and data logging for police and governmental consulting.

System, Network, Web and Mobile Ethical Hacking, Penetration Test. Vulnerability Assessment, Security Audit. Former Team Leader of the Telecom Italia's Tiger Team.

Information Security Crime Investigator/Forensics expert for police and corporations. Previous experience in Fraud Management.

IT security consultant, standards OSSTMM, OWASP, NIST, SANS, PCI-DSS.

Bolivia/Brazil/Cuba/France/Italy/Mexico/Peru/Qatar/SaudiArabia/Singapore//Spain/UK/USA/Vietnam with Banks, ISPs and Police/Government entities.

Possible authorization for the NOS / Security Clearance (no criminal record / no criminal inclinations)

PRESENT POSITION

Intelligence Framework Inc., USA. CEO/CTO and Developer of **INFRA** Security and Vulnerability Scanner. Supported by the best accelerators like Mach37, Singularity University and Cylon, INFRA has important investors like Singtel, National University of Singapore, Center for Innovative Technology, Erie Innovation District and important clients like the Government of Peru, Telefonica and Hanoi Telecom.

INFRA builds automated solutions that leverage AI for Ethical Hacking / Vulnerability Assessment / Penetration Testing and intelligence of servers, IoT and web applications. It uses fuzzing and machine learning to find new undisclosed vulnerabilities and validates them to avoid false positives by automating the hacking part: this eliminates human error maximizing reliability.

www.infrascan.net

Seed Security LLC, USA. CTO and Ethical Hacker. Vulnerability Assessment, Penetration Testing, Risk Assessment, SOC. Currently working with several banks and government in Latin America. www.seed-security.com

FOX Media LLC, USA. CTO and Ethical Hacker.

Security Manager (Managerial level consulting)

Tiger Team (Penetration Test, VA, Audit)

Intelligence Services (BI, Forensics, Micro spy)

Virus writing (Police/Government consulting)

Security Division SRL, Italy. CEO and Ethical Hacker.

Vulnerability Assessment, Penetration Testing, Risk Assessment, SOC, Web Reputation, architectural advising and patch management to a variety of corporate and governmental clients in Italy, France, UK. www.securitydivision.it

Consultant for Italian national law enforcement agencies; working with Carabinieri (Italian military police), Investigative Police, Counter-Terrorism and Guardia di Finanza (Italian military Police for economic frauds). Forensics, custom viruses, wiretapping and microspy. www.andreabodei.com

CAREER

Since 2016 - Developing the INFRA project.

2015 - 2016 - Seed Security USA, CTO, Penetration Test and teaching in Spain, Peru, Qatar.

2014 - 2015 - Deloitte in Spain, Team leader Penetration Test and VA, Web applications, Mobile Applications, big networks, PCI-DSS, teaching Ethical Hacking.

2013 - 2014 - A2SECURE in Spain, Team leader Penetration Test and VA, Web applications, Mobile Applications, big networks, PCI-DSS, teaching Ethical Hacking.

2012 - 2013 - McAfee in Saudi Arabia, CyberWar Forensic/Crime Investigator, Intelligence in Saudi Arabia for the biggest hacker attack in the history of the Internet. My contribution was essential to solve the case.

2007 - 2012 - Security Division S.r.l., CTO, Team leader Penetration Test and VA, Forensic and Security Consultant, Computer Forensic, Intelligence, malware searching, SOC, Windows and Linux administration.

2006 - 2007 - Telecom Italia, Team Leader Penetration Test and VA, Forensic and Security Consultant, TigerTeam, Governance Information Security (SEC.G.I.S. Rome, Italy). Penetration Testing for partners and clients of Telecom Italia in Italy, Brazil, Cuba and Bolivia. Windows and Linux administration

2004 - 2006 - Telecom Italia, Team Leader Penetration Test and VA, Forensic and Security Consultant, Windows and Linux administration (SEC.T.I.S. Rome, Italy). Italy, Brazil and for clients especially banks.

2003 - 2004 - Telecom Italia, Team Leader Penetration Test and VA, Forensic and Security Consultant, Fraud Management (SEC.F.M. Rome, Italy). Investigating fraud against Telecom Italia. I've also been the only forensic analyst at the company. Windows and Linux administration.

2000 - 2003 – Zone-H / Domina Security, Penetration Test and VA, Forensic and Security Consultant, Rome and Milan, Italy. With this company we started the development of Zone-H.org

TEACHING AND EDITORIAL

2018 - Teacher of Cyber Security, Seguival - Universidad del Valle de Atemajac Mexico.

2017 - Contributor of the financial newspaper "Milano Finanza", Italy.

2014 - Teacher of Ethical Hacking, Deloitte, Barcelona, Spain.

2013 - Teacher of Ethical Hacking, A2Secure, Barcelona, Spain.

2010 - Contributor of the periodic www.mensiletechnet.it

2008 - Guest Professor - "**La Sapienza**" **University of Rome** "Investigation" course, "Criminal Anthropology" department. <http://www.uniroma1.it>

2007 - Speaker - February 20 - "**la Sapienza**" **University of Rome** "Sicurezza Mobile". Andrea Bodei – "Secure Communication and Crypto Mobile". <http://www.xakep.it/>

2005 - Teacher - Zone-H.org Seminars "Hands on Hacking" Teacher and assistant in Italy and Estonia.

2005 - Editorial Staff Criminologia.org (Rome, Italy). News, manuals and help to organize courses about computer-related crimes. <http://www.criminologia.org/>

2004 - Speaker - "**La Sapienza**" **University of Rome** "IT & Law" Speaker: Andrea Bodei "Simplicity of making an attack". I exposed some famous hacked sites analyzing techniques. <http://seco.di.uniroma1.it/>

2003 - Speaker - "**La Sapienza**" **University of Rome** "SecurITy@uniROMA1" Speaker: Andrea Bodei "Defacement, analysis of the most common digital crime". Demo: Attack skills presentation and examples. <http://twiki.dsi.uniroma1.it/pub/Remus/WebHome/>

2002 - Editorial Staff of ZoneH.org. Study and post of Advisories, News and Exploits. Cataloging and management of computer related crimes.

EDUCATION AND LANGUAGES

La Sapienza University of Rome - Computer Sciences - Cert/Exam “cum laude”
La Sapienza University of Rome - Criminology - Cert/Exam
State University of New York - Cyber Warfare - Cert/Exam
University of Adalaide - Cyber War, Surveillance and Security - Cert/Exam
La Sapienza University of Rome - Multimedia publishing - Cert/Exam
La Sapienza University of Rome - Public Law - Cert/Exam
La Sapienza University of Rome - Social Psychology - Cert/Exam “cum laude”
La Sapienza University of Rome - Sociology - Cert/Exam
La Sapienza University of Rome - Theories and techniques of mass communication - Cert/Exam
Digital forensic Cert - ICAA
Computer Security Cert - ICAA
Network Security Cert BB
Information Technology Security Fundamentals Cert BB
Unix Administration (general) Master BB
Linux Administration (general) Cert BB
CS-332 - Windows Server - NCSA
Computer Technical Support Cert BB CH-111 - Computer Hardware Technician - NCSA
CH-101 - PC Basics – NCSA Information Technology Terminology Master BB
Bash, Python programming
La Sapienza University of Rome - English - Cert/Exam
English C2. Spanish C2. Italian C2.
Member of Mensa Italia 3901

SOFTWARE

Network Penetration Test: **INFRA** Scan, Core Impact, Immunity Canvas, Metasploit, BackTrack/Kali
Network VA: Nessus/OpenVas, eEye Retina/SafetyLabs SSS, Nmap, Amap, GFI Languard, Nexpose
Web App/ServicesVA: HP Webinspect, IBM Appscan, Acunetix WVS, Burp Suite, OWASP ZAP, w3af
URL Manipulation: Burp Proxy/Suite, Vega, OWASP ZAP, Paros, Priamos, Spike, Acunetix WVS, w3af
DataBase Security: AppSecurity AppDetectivePro, SafetyLabs DBS, Inguma, SQLninja, SQLmap, Havj
WiFi test: Wifite/Aircrack-ng, airtools, Kismet, NetStumbler, WirelessTools, BackTrack/Kali, Core Impact
Password guessing: THC Hydra, Brutus, HP/SPI WebBrute, IBM Authentication Tester, Wfuzz, nmap
Network Analysis: Ethereal/Wireshark, Tcpdump, Ettercap, Dsniff, Cain & Abel, Nagios, Snort IDS
Computer Forensic: EnCase, TCT/SleuthKit/Autopsy, AccessData FTK, dd/dcfidd/dc3dd, air-imager
Password cracking: John the Ripper, LophtCrack (LC5), Crack, Cain, Passware
RevEng/Debug/Code Review: OllyDBG, HexEditor, Parasoft .TEST, HP/Fortify RATS/SCA, Flawfinder
Custom Virus: Keylogging, screenshot, autoupdate, DNS redirect, Skype, antivirus/firewall, encryption
System administration: MS Windows, Linux, BSD, Apache, MySQL, Postfix, PureFTPd, SSHd, Netfilter
Virtualization: VMWare, QEMU, Sun/Oracle VirtualBox, MS VirtualPC, wine, crossover, cygwin
Encryption: FreeOTFE/Truecrypt/BitLocker/LUKS-dm-crypt/ecryptfs, OpenVPN/PPTP/L2TP, GPG/PGP
WebApp admin: Joomla/Virtuemart, Prestashop, MediaWiki, Roundcube, PHPmyadmin
Collaboration Platform: Jira, OpenProject, PhpFox, EXO, Facebook plugins,