



YAGO HANSEN

IT & CYBERSECURITY
CONSULTANT / AUDITOR

CONTACT INFO

Full name:

Yago Fernandez Hansen

Location:

Madrid, Spain, ES

Phone:

+34 670 555 355

Email:

info@yagohansen.com

Website:

https://www.yagohansen.com

Skype contact:

YagoHansen

Twitter profile:

@yadox

LinkedIn profile:

https://www.linkedin.com/in/yadox/

BENEFITS

Due to my great self-taught ability, my flexibility to adapt to new projects, because I love learning new stuff and because I love challenges, I am fully open to listen to new projects that may be of my interest. I am very used and I love to learn new stuff (autodidact).

MORE INFO

https://yagohansen.com



CV SUMMARY

Recognized authority in IT & Cybersecurity topics. 15+ years experience managing and servicing projects delivering IT & cybersecurity technologies and solutions for the private corporate (Banking, Insurance, Auditors) and public sectors (National Security, Intelligence, Defense).

Ethical hacker specialized in infrastructure and cybersecurity management. During the last years focusing on wireless and RF technologies, successfully managing projects in design, architecture, implementation, pentesting and auditing of WI-Fi wireless networks. CEO and Project Manager for projects in the area of Technology R&D for IoT Security embedded systems (Linux based). Expert trainer for international Security Forces, Intelligence and Defense. Author of multiple publications and frequent speaker at many international cybersecurity conferences and forums. Actually he trains offensive hacking and Red Team procedures for the private and public sectors.



PROFESSIONAL EXPERIENCE

Freelance, Contractor • Public and Corporate sectors

2017 - Present

Cybersecurity, Public sector, corporate, incident management, pentest, vulnerability assesment, threat, SOC, Team Leader

Cybersecurity Consultant & Auditor working on projects for National Security, Consulting corporations (ex: Capgemini) and medium-sized enterprises (incident management, pentesting, vulnerability asesment and cybersecurity consulting). Managing critical events like Website cyberforensics, events and logs analysis, reporting, ransomware corporate attacks, threats, etc.

Subcontracted by consulting and auditing corporations to carry out internal Red Team pentests for client companies related to the financial and manufacturing sectors in Spain.

Founder, CEO

2012- 2017

Cybersecurity, IoT, embedded, Linux, Q&A, project management, research, development, security forces, planning, telecom, corporate, hardware, programming

• WiFense LTD. Startup company

WiFense was a startup company founded in 2014 providing cybersecurity services for international governments. WiFense invented, designed and developed (R+D+i) a communications interception embedded system (HW & SW), sold later for \$2.1 million to one of the largest global corporations of cybersecurity solutions for governments with HQ offices in Israel and USA (Fortune 500 company with 6000+ employees in 180 countries).

Managing for three years all the processes from the idea, design and development of the proprietary product for the corporation that acquired it. Each milestone of the project was successfully planed and met thanks to the nice WiFense´s human team. All deliveries were made in a timely manner and the knowledge was successfully transferred without penalties accomplishing the APA (Asset Purchase Agreement) and accomplishing all the Q&A

Freelance, Professor, Instructor

2011 - 2012

Cybersecurity, PKI, Red Team, hacking, trainer, instructor, professor, intelligence, defense, security forces, IT, networks, telecom

• Private & Government Sector

Expert cybersecurity trainer for Consultancy Corporations, Government Security Forces, Defense and Intelligence:

- Cybersecurity & cyberforensics trainer for government forces & military intelligence in Spain, Colombia, Peru, Chile & Brazil.
- Trainer for "Hacker Girls" initiative supporting hacker women integration. Ministerio TIC Colombia 2017.
- Trainer for the European Cyber Security Challenge (ECSC) Spanish team 2016.
- Cybersecurity trainer (Brazilian Defense Department) for the protection of the Brazil Olympic Games. Rio de Janeiro 2016.
- U-TAD private university professor in 2015. Madrid.
- Professor in the "IT Security & systems hacking applied to computers and networks" Online postgraduate. URJC (Madrid).
- Guardia Civil 2008 - 2009. Advanced expert trainings "IT security & penetration techniques in WI-Fi networks". Advanced training for the "creation of "PKI infrastructures" for the integrators of an internal implementation project.
- Universitat Politècnica de Catalunya 2009 - 2010. Post-grade professor for the master titled "IT security expert".

AREAS OF EXPERTISE

Cybersecurity	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>
Project Management	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>
Data Centre IT	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>
Operating Systems	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>
Data Network	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>

TECHNICAL SKILLS

Cybersecurity, Endpoint Security, Cyberforensics, digital forensics, Red Team, Hacking, Penetration testing, Vulnerability Assessment, Incident Management, threat, risk, Hardware hacking, Project Management, Solution Management, Incident, Change Management, Q&A (Quality Assurance), Corporate IT, Enterprise IT, Data Centre, Operations, Information Technology, ITAM, ITIL, PKI, VPN, Data Encryption, sysadmin, PAM, IAM, IDS, IDM, IPS, Firewall, SOC, SIEM, Virtualization, VMware ESXi, Database, SQL, Oracle, Network Administration, TCP/IP, Wireless, RF, WI-Fi, WLAN, WAN, LAN, Linux, Windows Server, Operating systems, Embedded Linux, IoT, Programming, Shell Script, Bash, Python, PHP, JS

MORE INFO

<https://yagohansen.com>



PROFESSIONAL EXPERIENCE (continued)

Project Manager, Integrator

2009 - 2011

Cybersecurity, IoT, project manager, cyber forensics, IDM, SOC, IDS, SIEM, Firewall, Consulting, instructor

Data centre IT Service Manager

2008 - 2009

IT, Data Centre, Data Center, Manager, ITAM, Asset Management, Configuration, Networks, IT infrastructure services

Founder, Technical support Engineer

1998- 2008

IT, Technical Support, Integration, Software, Telecommunications, CRM, POS, Servers, Windows, Linux, Provisioning of technical service

Presales engineer, Integrator

1992 - 1993

IT, Database, SQL, DBA, Software, Hardware, Installation, salesforce, sales

Presales Manager, IT support

1991 - 1992

IT, Technical Support, Networks, Unix, Xenix, RF, Novell Netware

Stack Overflow LTD.

As freelance working primarily for cybersecurity and forensics companies (Stackoverflow, Grupo Innova and Ondata) for many solution integrations, consultings, pentestings, forensics and international training projects. Participated in a project for the design, architecture and implementation of a SOC for an Defense Intelligence dept. of a LATAM country.

During the last years as Project Manager for the design of cybersecurity and geolocation hardware based IoT products (LTE, Sigfox, LoRA based) for Defense and Insurance sectors.

Produban, Geoban

Servicing from scratch a project providing a brand new Banking Data Centre in Frankfurt, DE (Interxion) up to its production state, through five different phases (planning, suppliers supervision, installation, configuration, testing and asset management).

Multi-vendor environment configuration (Cisco, Checkpoint, F5), communications, infrastructure & security appliances (Switch, Router, Load Balancer, PLC) was included, as well as the supervision and testing phase of the fiber optic and copper wiring circuits. Last phase consisted in documentation and asset inventory management (ITAM).

For Geoban the provided tasks included the upgrade and test of security systems (Cisco, Checkpoint, F5) for Banking data centres in different countries (such as Germany, Poland, Italy).

Soportec LTD.

Soportec was a small company offering Professional IT technical support and solution provisioning services for medium-sized companies of many different sectors (Hotels, Perfume shops, Radio Broadcast, Supermarkets, Restaurants, Legal services, etc.). Soportec identified IT services and solutions related business processes, objectives and needs of the enterprise environment.

Soportec located, evaluated, offered and implemented the best telecommunications systems for multi-site companies based on modems and later on Internet. POS and CRM solutions.

Compuley (La Ley business group)

Compuley was the pioneering European company for the digitization, indexing and compilation of jurisprudence and legislation data, creating the first legal database in CDROM format for lawyers, judges and any government and legal organizations.

The responsibilities of this position included the presentation for its products to potential clients (salesforce), the software and hardware installation of the application and the final trainings.

Schneider Computers

Schneider was one of the first Personal Computer PC supply companies established in Gran Canaria in the early nineties.

The position title was "support engineer and IT implementer of PC computers (architectures 8086 - 8088 - 80286) for computer and RF networks". This company successfully provided a UHF RF digital radio-packet network project streaming the real-time timing of the Gran Canaria Rally Championship to the organizers and Media HQ.

Schneider provided support and installation of digital data LAN networks (Novell, Datapoint Datalan) and MS-DOS, Unix & Xenix operating systems.

EDUCATION

- Professional Education** • Professional trainings and courses
- OFFENSIVE SECURITY WIRELESS PROFESSIONAL. OSWP
Offensive Security, Online, 2018
 - LINUX BASED EMBEDDED SYSTEMS
Electratraining, UAM, Madrid, 2015
 - Identity Manager IDM / PAM / Endpoint
NetIQ (Micro Focus) , Madrid, 2015
 - SENTINEL SIEM Administration
NetIQ (Micro Focus), Madrid, 2014
 - INTELLIGENCE SUPPORT SYSTEMS
ISS, Prague, 2012
 - ORACLE SQL 10G DBA
Professional Training, Madrid, 2006
 - IT SECURITY AND ANTI-HACKING TECHNIQUES (CEH eq.)
Datanalisis, Madrid, 2004
 - LAN & FTDI STRUCTURED CABLING
Ingesdata Networks, Barcelona, 1999
- Online Master Degree** • INTI, Madrid, ES
1994 - 1995
- Online Master degree with the title "Master in Computing and Software Analysis" in which subjects related to analysis and programming based on Windows systems are taught.
- Advanced Training** • CTEI, Las Palmas de G.C, ES
1988 - 1989
- Analysis and Programming in COBOL and BASIC language.
Advanced theoretical-practical training course lasting two years on analysis and programming in COBOL and Basic languages.

PERSONAL VALUES

Presentation, communication,
technical skills,
positive, resolute, creative,
analytical and critical tinking, honest

LANGUAGES

Spanish (Native)	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>
English (Proficient)	<div style="width: 90%; height: 10px; background-color: #007bff;"></div>
German (Fluent)	<div style="width: 70%; height: 10px; background-color: #007bff;"></div>
Danish (Basic)	<div style="width: 40%; height: 10px; background-color: #007bff;"></div>
French (Basic)	<div style="width: 20%; height: 10px; background-color: #007bff;"></div>

MORE INFO

<https://yagohansen.com>

KEYNOTES & CONFERENCES

- EMACOT**
Defense Air Forces,
Spain, 2020
- 2020. "Hardware tools for Red Teams related to defense"
- HITB**
Amsterdam, 2019
- 2019. "Distributed Chat inside 802.11 management frames"
 - 2019. "Haxpo Armory. Hacking hardware tools for Red teams"
- C1B3RWALL**
National Police Academy
Spain, 2019
- 2019. "The lab of Q, Red team techniques for Government forces"
- Cybercamp**
Spain, 2014 - 2019
- 2014. "WI-Fi and RF hacking"
 - 2018. "Creating a hidden WI-Fi Shell"
 - 2019. "Etica hacker" with Ivette Bolivar
- OWASP LATAM**
Santiago, Chile, 2014
- 2014. "Analyzing the smartphone's Internet network traffic" (keynote speaker)
- B-Sides**
Munich
Germany, 2016
- 2016. "Ultra-secret Chat using WI-Fi Covert Channel". Speech in English language
- Mundo Hacker Day**
Spain, Colombia
2014 - 2018
- 2015. "Identifying profiles inside of a WI-Fi honeypot"
 - 2016. "Privacy. The big brother"
 - 2017. "WI-Fi Covert Channel"
 - 2018. "Undetectable WI-Fi Rogue AP"
 - 2017. "Hidden transmissions using WI-Fi protocol". Speech inside "Colombia 4.0" Congress in Bogotá
 - 2018. Workshop about "WI-Fi security programming with Python" in Mundo Hacker Academy

VOLUNTEER WORK

- **Ngoc Quy Orphanage**, 2019, Binh Duong, Vietnam, VN
- **Etica Hacker Community**, 2019-Present, Online, Madrid, Spain, ES
- **ASION** (oncological children association), 2017, Madrid, Spain, ES
- **APANOCA** (Parent's Association of of oncological sick children), 1994-1996, Tenerife, Spain, ES
- **Marine Red Cross**, 1995-1996, Gran Canaria, Spain, ES

MORE INFO

<https://yagohansen.com>



KEYNOTES & CONFERENCES (continued)

- **MinTIC**
IT Ministry
Bogotá, CO, 2017
- **SH3LLCON**
Santander, ES, 2020
- **SECADMIN**
Seville, ES, 2017 - 2019
- **HackMadrid%27**
Mad, ES, 2017 - 2019
- **Buffer Hack**
UCM, Mad, ES, 2019
- **NoConName**
BCN, ES, 2016
- **Other conferences**
- 2017. Keynote with the IT minister about digital trust in Public Infrastructure Networks.
- 2020. WI-Fi CTF planning, programming and organization
2020. Speech: "Red Team Procedures Demos (Volume I)"
- 2019. Round Table: "Privacy and user rights. The INE case"
2018. Workshop: "Network security programming with Python Scapy"
2017. Workshop: "WI-Fi protocol processing with Python"
- 2019. Tech.Party. Presentation of the book "The Hacker's Hardware Toolkit"
2017. SeAcceptanIdeas: "Dark Trends of Privacy Violation"
- 2019. UCM. LibreLab. Bufferhack conferences. Speech "Red Team Labs and procedures"
- 2010. "Security in Geo-location based systems"
2011. "802.1X & 802.11i - The only real security (Workshop)"
- ViCON, ES, 2019. Speech "Hardware tools for red teams"
Eastmadh4ck, ES, 2017. "Build your own WI-Fi IDS using Python language"
HoneyCON, ES, 2017. Workshop "Build your own WI-Fi IDS with Python"
Hackr0n, ES, 2015. "Detecting personal profiles in Whatsapp by Fake AP"



MEDIA & PUBLICATIONS

Regular collaborator and technical advisor as cybersecurity expert and ethical hacker for Radio, podcast and TV programs such as newscasts (TVE, Cuatro, TeleMadrid), documentaries like "Equipo de investigación" (La Sexta) and other media like RNE, ABC, El confidencial, etc.

- **The hacker's hardware toolkit**
Amazon Publishing, 2019
- **Python Scapy Dot11**
English translated edition
Amazon Publishing, 2019
- **Python Scapy Dot11**
Amazon Publishing, 2018
- **Hardware & firmware hacking**
Editorial Ra-Ma, 2016
- **Practical WI-Fi and RF Networks hacking**
Editorial Ra-Ma, 2014
- **Hacking & Internet security**
Editorial Ra-Ma, 2011
- **AAA / RADIUS / 802.1X**
Editorial Ra-Ma, 2008
- Compendium of hardware tools for hackers, red teams and security researchers edited in free e-book (github) & paperback formats by Amazon Publishing.
- Python Programming for WI-Fi pentesters (English edition). New re-mastered English translated edition of the original Spanish publication for the Anglo-Saxon market. Edited in e-book & paperback formats by Amazon Publishing.
- This book offers a real solution for all those who love programming cybersecurity and hacking on WI-Fi / IEEE 802.11 technologies.
- The ideal guide to understand the complex world of hardware hacking that grows every day in importance. The large amount of Internet connected devices known as "IoT devices" justifies the need of this kind of hacking categories.
- The main goal of this book is try to introduce the readers to the world of hacking, specially related to WI-Fi networks and other RF data networks with the help of modern SDR devices.
- Spanish hacking "Bible" introducing to the world of IT security from the point of view of the attacker (hacker) and also from the Security administrators.
- The only real network security. This book is a great tool for all the IT professionals that need to learn or upgrade their knowledge in authentication based systems, like AAA.