

Sebastien Andrivet
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Nationality: Swiss

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INFORMATION SECURITY EXPERT

PROFILE

More than 30 years of experience in IT, 20 years in IT Security. Strengths include:

- Leadership
- Good communicator
- Public speaking
- Goal oriented
- Logical and methodical
- Rigorous

SKILLS

Mastering perfectly the tools and procedures used in Information security. In particular:

- Metasploit
- Burp Suite Pro
- Mastering all major platforms: Windows, macOS, Linux, iOS & Android
- EnCase Forensic (certified EnCE)
- IDA Pro & Hopper

EXPERIENCE

2017-2021 - Senior Security Engineer

Hacknowledge SA

- Creation of Incident Response and Forensics procedures
- Team leader for the development of the customer portal

2014-2017 - Senior Security Engineer

SCRT SA

- IT security: web audits, pentests, mobiles, forensics
- Creation of Incident Response and Forensics procedures
- Security trainer: Forensics

2013-2014 - Security Expert

Kudelski SA / Nagravision - Forensic and Legal Analysis Department

- Security audits for internal and external clients
- Reverse engineering of security products like commercial encryption solutions
- Security trainer: Forensics and iOS & Android pentesting

2002-2013 - Security Expert & Senior Developer, CEO

ADVTOOLS SARL

- Management of two teams (11 persons)
- Security audits for external clients
- Development in C++ (Windows, Linux & Mac OS X), C#, Objective-C
- Security trainer: iOS development and pentesting
- Writer for MISC magazine
- Speaker for several security events (BlackHat, HackInParis, ...)

2002-2009 - IT Security Officer & Technical Architect

Cotecna Inspection SA

- IT security officer & Technical architect
- Security audits and pentesting, Forensics after security incident

2001-2002 and 1998-1999 - Software Engineer

FotoWire S.A. now part of HP (Printing Group division)

- C++ developer (Windows)

1999-2001 - Technical Architect, Project Manager, Software Engineer

LeShop S.A. now owned by Migros

- Management of a team of 8 persons

1994 and 1996-1998 - Software Engineer, C and C++

CPI France, then Hi-Image (subsidiary of Hyundai)

1992-1995 - Programmer in C

University Medical Center (CMU) of Geneva

STUDIES & TRAININGS

2017: EnCase EnCE certification

2012: Computer Hacking Forensic Investigator

2008: Hacking by Numbers, Black Hat EU

2007: Exploit Laboratory: Analyzing Vulnerabilities and Writing Exploits

1990-1994: Computer Sciences at the University of Geneva

2015: iOS Kernel Exploitation

2008: Certified Security Analyst (ECSA)

2008: Certified Ethical Hacker

2003: Microsoft Certified Developer ASP.NET C#

PUBLICATIONS & PRESENTATIONS

2014 C++11 Metaprogramming Applied to Software Obfuscation, BlackHat Europe 2014

<https://ubm.io/2LpPIFd>

2013 MobileIron Security Review White Paper

<http://bit.ly/2Nf7nkl>

2013 Attaque de l'e-voting: Un cas concret, La Nuit du Hack

<http://bit.ly/2P51w1O>

2012 Test d'intrusion d'applications iPhone et iPad, MISC #64

<http://bit.ly/2Nf7QUO>

LANGUAGE

English: CEFR C2 (Proficient)

French: Mother tongue