

Omer Cohen

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INFORMATION SECURITY SPECIALIST

Expert in Enterprise Security & Penetration Testing

Infosec specialist who's experienced with a variety of infrastructures and environments. Teaches Penetration Testing, Networking and Operating Systems at the Technion, currently employed by eBay Inc. and provides consulting services for companies around the world.

Professional Experience

2008-Present

Company: **eBay Inc.**

Position: **Information Security Specialist** - Global Information Security

Overall responsibility over EU sites and adjacencies including research, testing and evaluating of more than 150 projects. The roll included designing and implementing innovating tools and technologies.

2008-2010

Company: **Technion Institute of Technology**

Position: **Information Security Lecturer**

Lecturing in the CISO course held by See-Security

2005-2008

Company: **AMAN - IDF's Directorate of Military Intelligence**

Position: **Chief Information Security Officer**

Leading the Information Security field in the unit, including building and maintaining technological security level.

Papers & Public Appearances

"Anonymous"; Channel 10 - May, 2010

I was invited to London & Kirshenbaum to explain about the Anonymous organization and their operations.

Wireless Networks Security - November, 2010

Presented at the 12th Annual Conference for Information Security and Business Continuity, about the risks involved in public wireless networks, the presentation was followed by a technical detailed article, including the legal implication of intercepting wireless traffic.

Phishing and Personal Online Security; Channel 10 - September, 2010

Following a phishing attack on the "Survivor" cast, I was invited to talk about the meaning of the attack and how people should protect themselves.

Forensics of Digital Evidence; DigitalWhisper Magazine - August, 2010

A technical article (in Hebrew) regarding the aspects of Digital Forensics at the court of law. Focusing on emails and website capturing.

Disclosing a vulnerability in the cable company; Channel 2 News - August, 2010

The Israeli cable company "HOT" had vulnerability in their infrastructure that allowed full control on all of the internet cable subscribers. After fixing the issue, it was disclosed to the media.

Technical Experience and Capabilities

- Security Technologies:** Cryptography, Access Control, Authentication Techniques and Technologies (Biometrics), Authorization, Patch Management, Firewall, Intrusion Detection Systems, Intrusion Prevention Systems, PKI, VPN, Vulnerability Scanners, Security Information Management Systems (SIM)
- Systems:** FreeBSD, NetBSD, Linux, HPUX, AIX, Windows 9X/NT/2000/XP/Vista/2003/2008.
- Networking:** Extensive understanding of the TCP/IP stack, different implementation and underlying assumptions.
- Forensics:** Disk geometry and partitions, FAT & NTFS & file types, hashing algorithms, validation and keyword searches, Describe Slack (file, ram, and drive) & unallocated space, data hiding methods (streams and steganography), Restore erased files (beyond the recycle bin), Track internet activity.
- Penetration Testing:** Reverse Network Mapping, Operating System Identification, Attacking Encryption Schemes, Reverse engineering of low level software, Up-To-Date acquaintance with known vulnerabilities, Intrusion Detection and Forensics, and Security Incident Handling.
- Programming:** PHP, ASP, Python, Ruby, VB, C/C++, BASH, JavaScript.

Courses

- 2001** Programming in C (Hi-Tech College)
- 2005** Implementing and Maintaining a MS Win Server 2003 Network Infrastructure
- 2006** Hacking Defined Experts (See-Security)
- 2006** BSCI Preparation (Cisco/Bynet)
- 2007** Offensive Security 101 (Offensive-Security)
- 2008** Implementing Managing & Maintaining MS Win Server 2003 Network Infrastructure (John Bryce)
- 2008** Planning, Implementing & Maintaining MS Win Sever 2003 Active Directory (John Bryce)
- 2008** Implementing and Managing Microsoft Exchange Server 2003 (John Bryce)