ALEXANDER ANTUKH

General information

Date of Birth	26.08.1989
E-mail	alexander@antukh.com
Location	Moscow, Russia
Languages	• Russian (Native) • English (Full professional proficiency) • Polish (Full working proficiency) • French (Limited working proficiency) • German (Limited working proficiency) • Esperanto (Elementary proficiency)
Activities	• OWASP Russia Chapter Leader (https://www.owasp.org/index.php/Russia) • Defcon Moscow local group originator (http://defcon-moscow.org/)
Patents	• http://www.google.com/patents/US8621279 • http://www.google.com/patents/US8489925
Certifications	• CISSP, License #433207 (March 2014 – March 2017) • Offensive Security Certified Expert (OSCE, February 2013)
Vulnerabilities reported	• CVE-2013-6735 (IBM Xpath Injection) • CVE-2013-2419 (Java Remote Code Execution) • CVE-2013-3053 (jforum Persistent XSS) • CVE-2013-3052 (Qlikview Integer Overflow) • Multiple critical vulnerabilities at Korean healthcare CMS (Vizensoft) Additionally, a whitepaper on Blackberry Z10 security has been released in 2013: https://www.sec-consult.com/en/Vulnerability-Lab/Whitepapers.htm

Education

Stanford University
http://www.stanford.edu/

Advanced Computer Security certification
Feb.2014 – Jan.2015

Bauman Moscow State Technical University (BMSTU)
http://www.bmstu.ru/en/

Master of Science (M.S.), Mathematics and Computer Science
2010 – 2012

Diploma cum laude

Scholarship of the Government of Russian Federation for scientific researches, Moscow, Russia, 2012

Bauman Moscow State Technical University (BMSTU)
http://www.bmstu.ru/en/

Bachelor of Science (B.S.), Mathematics and Computer Science
2006 – 2010

Diploma cum laude

Additional educational certifications (by BEST, http://www.best.eu.org):

2009 – IT Security, **Brno University of Technology**
2008 – Computer Science and Artificial Intelligence, **Politechnika Warszawska**

Operational experience

EY
http://www.ey.com/

Senior Security Specialist
Jun.2015 – present

Responsibilities:

- Leading global team of security experts in Poland
- Hands-on VA experience in the following domains:
    - Web application security
    - Thick clients / Citrix
    - Mobile security (iOS, Android)
    - Source code review (ASP .NET, PHP, Java)
- Research topics:
    - Big Data security
    - Cloud security
    - Hidden services

SEC Consult
https://www.sec-consult.com/

CTO, Security Consultant
Aug.2012 – May 2015

Responsibilities:

- Leading and managing projects of the Russian team of white hats (CTO of the Russian branch)
- Conducting security audits (penetration tests) for customers
    - Web application security (OWASP, OENORM 7700)
    - Network security
    - Source code review
    - Reverse engineering
    - Malware analysis / forensics
    - Social engineering
- Improving security in Russian branch (ISO 27001)
- Meetings with customers

Achievements:

- Started as a security consultant, soon became the leader of DC, successfully done numerous projects
- Internal "vulnerability of the year" award (Java Remote Code Execution, CVE-2013-2419)
- Founded Defcon Moscow Local Group (http://defcon-moscow.org)
- OWASP Russia Chapter leader, co-author of Testing Guide v4. Successful launch of OWASP Secure Configuration Project (https://www.owasp.org/index.php/OWASP_Secure_Configuration_Guide)

Kaspersky Lab
http://www.kaspersky.com/

Team leader, Senior Vulnerability Researcher
Sep.2009 – Aug.2012

Responsibilities:

- Leading and managing patch management team
- Malware (particularly, exploits) analysis and detection
- Signature and knowledge base maintenance
- Daily tools development (preferred languages – Python, C/C++)

Achievements:

- Started as a trainee, worked a year as shift malware analyst and then started as vulnerability researcher. In a year obtained a senior title (mostly worked on exploits analysis and detection) and then headed the new project (Patch Management for corporate products). While working on it, patented an idea of an effective error handling (US Patents 8621279, 8489925)
- Pioneer of KL Deblocker service (http://sms.kaspersky.ru)

Hobbies

- Travelling (hitch-hiking, couchsurfing)
- Active sports (tennis, volleyball, alpine ski)
- Music (classic rock)
- Math games