

Ionescu Răzvan-Costin

razvan.ionescu@pentest-tools.com / +40726969952



EDUCATION

10/2010 – 07/2012	University POLITEHNICA of Bucharest Faculty of Automatic Control and Computers MSc. – The Security of Complex Computer Networks	Bucharest, Romania
10/2006 – 07/2010	University POLITEHNICA of Bucharest Faculty of Engineering taught in Foreign Languages BSc. – Information Engineering	Bucharest, Romania
10/2009 – 03/2010	Technische Universität Chemnitz Erasmus Scholarship Advisory: Prof. Dr. Hanno Leffman (Theoretische Informatik und Informationssicherheit (Department of Theoretical Informatics and Security))	Chemnitz, Germany

PROFESSIONAL EXPERIENCE

04/2019 – present	Pentest-Tools Expert Penetration Tester / Security Consultant & Researcher - Penetration Testing and Vulnerability Management engagements – Web, Mobile and Infrastructure IONESCU RĂZVAN-COSTIN PFA (Registered Sole Trader)	Bucharest, Romania
08/2018 – present	Owner / Expert Penetration Tester / Security Consultant - Penetration Testing and Vulnerability Management engagements – Web, Mobile and Infrastructure Fitbit Penetration Tester - Penetration Testing and Vulnerability Management engagements – Web, Mobile, Infrastructure and Physical Devices (e.g. smartwatches)	Bucharest, Romania
06/2018 – 03/2019	EY Senior Advisor / Penetration Testing / IT Advisory - Penetration Testing and Vulnerability Management engagements – Web, Mobile and Infrastructure Dell SecureWorks Security Systems Senior Advisor - Penetration Testing - Penetration Testing and Vulnerability Management engagements – Web, Mobile and Infrastructure	Bucharest, Romania
09/2016 – 12/2017	Intel Corporation Security QA Engineer/Intel Security Expert - Perform Security Validation against Android OS using positive and negative testing techniques, Physical Devices (tablets / phones prototypes)	Bucharest, Romania

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07/2012 – 09/2014	Intel Corporation – outsourced by RINF Security QA Engineer - Perform Security Validation against Android OS using positive and negative testing techniques	Bucharest, Romania
08/2010 – 07/2012	Dell Services Testing Engineer Analyst - Perform functional validation against a Java Project - Test Automation	Bucharest, Romania

PENETRATION TESTING related ACTIVITIES

2012 - present	Penetration Testing and Vulnerability Management engagements for US, European and Middle East clients (Healthcare institutions, Financial institutions, Assurance companies etc.) <ul style="list-style-type: none">• Targets: Network (corporate wired and wireless), Web Application and Mobile applications (running on Android and iOS), Cloud based Applications, API, Physical devices (medical, smartwatches etc.)• Methodologies: OWASP Top 10, NIST, OSSTMM and ASVS• I have developed open source projects for fuzzing Android intents (see github references: BIFUZ and fuzzinozer), and also automated scripts in Python and bash for speeding the reconnaissance phase	
06/2018 – present	Cobalt core team (cobalt.io)	

PROFESSIONAL AFFILIATIONS

2016-	GIAC Advisory Board Member	SANS
10/2008 – 07/2011	Electrical Engineering STudents` European assoCiation	Bucharest, Romania

EXTRACURRICULAR ACTIVITIES

10/2013	Intel Corporation Cyber security Awareness Month	Bucharest, Romania
10/2007 – 12/2011	Ideas and Projects Workshop Co-Organizer, Teacher, Guide	Romania

HONORS/AWARDS/CERTIFICATIONS

07/2022	GIAC Security Expert (GSE) License Analyst #298	SANS
03/2021	Certified Red Team Professional (CRTP) Credential ID: 29626920	Pentester Academy
06/2018	GIAC Security Essentials (GSEC) License Analyst #43065	SANS
03/2018	GIAC Certified Intrusion Analyst (GCIA) License Analyst #12789	SANS

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08/2017	GIAC Web Application Penetration Tester (GWAPT) License Analyst #6269	SANS
03/2017	GIAC Certified Incident Handler (GCIH) License Analyst #29147	SANS
10/2016	GIAC Exploit Researcher and Advanced Penetration Tester (GXPN) License Analyst #991	SANS
07/2016	GIAC Penetration Tester (GPEN) License Analyst #10551	SANS
12/2015	Offensive Security Wireless Professional Offensive Security	Offensive Security
11/2015	Cybersecurity Specialization Coursera Verified Certificate: 8JX3WYEQJ5NC	University of Maryland, College Park
07/2015	Offensive Security Certified Professional Offensive Security	Offensive Security
04/2015	Cryptography Coursera Verified Certificate: ZCXFQBKSYW	University of Maryland, College Park
03/2015	Hardware Security Coursera Verified Certificate: 9V4VM5MM8B	University of Maryland, College Park
2015	OTC Division Recognition Award Leading the industry in securing Android devices	Intel Software & Services Group
Q4/2014	OTC Division Recognition Award Delivering Lollipop OTA software update for Intel RDA-based devices within two weeks of Google release	Intel Software & Services Group
11/2014	Software Security Coursera Verified Certificate: KPU8FN46K7	University of Maryland, College Park
10/2014	Usable Security Coursera Verified Certificate: SJWJG9FFTW	University of Maryland, College Park
03/2014	Programming Mobile Applications for Android Handheld Systems Coursera Verified Certificate: J36UZNNMEL	University of Maryland, College Park
12/2013	DefCamp – Capture The Flag contest – Third Prize Team: NSA	Bucharest, Romania
06/2013	An Introduction to Interactive Programming in Python Coursera Verified Certificate: F2ENS9VV52	Rice University, TX
06/2012	ITIL FOUNDATION (2011) License: GR750028587RI	Bucharest, Romania
05/2012	Comptia Linux+ / LPI LPIC-1: License LPI-ID: LPI000239854 / 26jgl6fpej Comptia Linux+: License 5NKPCDN1RGF12LY0	Bucharest, Romania
12/2011	ISTQB (R) Certified Tester, Foundation Level License 11-CTFL-1773-SEETB	Bucharest, Romania

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10/2010- **University POLITEHNICA of Bucharest**

10/2012 Cisco Certified Network Administrator 1, 2, 3, 4

Bucharest, Romania

LANGUAGES

- Other than English – French, German

Open Source Projects I have been involved to:

- Yocto Project: <https://www.yoctoproject.org> – QA Engineer
- EFS-Tools: <https://github.com/catalinonita/Ecryptfs-Tools-for-Android> - QA Engineer & Wiki
- **Broadcast Intent Fuzzing Framework for Android (BIFUZ)** - <https://github.com/fuzzing/bifuz>
 - FOSDEM 31 Jan - 1 Feb 2015 – Brussels, Belgium
 - MOSS 4 Mar 2015 – Bucharest, Romania
 - Intel SECCON 12-13 May 2015 – Santa Clara, California
 - DEVTALKS 11 June 2015 – Bucharest, Romania -
https://www.youtube.com/watch?v=0aD2_ULhwko
- **Intent Fuzzing module for Drozer (fuzzinozer)** - <https://github.com/mwrlabs/drozer-modules/tree/master/intents>
 - OWASP EEE 9th October 2015 - Bucharest, Romania
 - DEFCAMP 19-20 November 2015 - Bucharest, Romania -
<https://www.youtube.com/watch?v=wX2mr7BxC9Q> – Talk
<https://www.youtube.com/watch?v=kGPrsYOVwjU> – Demo
 - CCC (32C3) - 27-30 December 2015 – Hamburg, Germany -
<https://www.youtube.com/watch?v=iQ1j8KO8UDI>

INTERESTS and HOBBIES

- Information Security
- Mobile Operating Systems
- Cutting-edge Technology
- 3D printing
- Geocaching