

CURRICULUM VITAE

Date personale:

Nume	GAVRILUT
Prenume	DRAGOS - TEODOR
Data si locul nasterii	05.05.1979 , Barlad
Adresa	strada Ion Creanga , nr. 90 , Iasi
Telefon	0724 334 632
E-mail	gdt@iasi.uaic.ro , dgavrilut@bitdefender.com
Stare civila	casatorit

Studii:

1986 – 1994	Scoala nr. 4 , Barlad
1994 – 1998	Liceul „C. Negruzzi” , Iasi Examenul de bacalaureat sustinut in sesiunea iulie 1998 , la Liceul „C. Negruzzi” , Iasi , cu diploma seria P nr. 03277-2/1998 , eliberata de Ministerul Educatiei si Invatamantului , la data de 31.07.1998
1998 – 2004	Facultatea de Stomatologie , U.M.F. „Gr. T. Popa” , Iasi (zi) Examenul de absolvire , sustinut in sesiunea septembrie 2004 la Facultatea de Medicina dentara , Iasi
2001 – 2005	Facultatea de Infomatica , „Alexandru I. Cuza” , Iasi (zi) Examenul de absolvire , sustinut in sesiunea iulie 2005 la Facultatea de Informatica , Iasi
2004 – 2006	Master „Managementul Leziunilor Odonto-cariogene” , Facultatea de Stomatologie „Gr.T.Popa” Iasi Examenul de admitere sustinut in noiembrie 2004 la Facultatea de Medicina dentara , Iasi
2005 – 2007	Master „Optimizare Computationala” , Facultatea de Informatica „Al. I. Cuza” , Iasi Examenul de admitere sustinut in iulie 2005 la Facultatea de Informatica , Iasi
2006 – 2011	Preparator , Facultatea de Informatica , catedra de Optimizare și Inteligență Artificială
2007 – 2012	Doctorand, Facultatea de Informatica, cu tema „Meta-heuristics for anti-malware systems” – prezentata in catedra pe data de 18 septembrie 2012 si sustinuta public in decembrie 2012
2011 - 2013	Asistent universitar, Facultatea de Informatica, Universitatea „Al. I. Cuza” , Iasi
2013 -	Lector universitar, Facultatea de Informatica, Universitatea „Al. I. Cuza” , Iasi

Lucrari stiintifice publicate in extenso

1. *Sistem expert de analiza si diagnostic a teleradiografiei de profil computerizate*
Dr. Zegand Georgeta , Dr. Gavrilit Dragos
Conferinta Nationala C.A.S. Iasi , 29.09.2004 – 02.10.2004
2. Dragos Gavrilit, Mihai Cimpoesu, Dan Anton, Liviu Ciortuz: *Malware detection using machine learning* , IMCSIT 2009: 735-741
3. Dragos Gavrilit, Mihai Cimpoesu, Dan Anton, and Liviu Ciortuz, *Malware Detection Using Perceptrons and Support Vector Machines*, 2009 Computation World: Future Computing, Service Computation, Cognitive, Adaptive, Content, Patterns; Athens, Greece ,15-November 20, ISBN: 978-0-7695-3862-4
4. Dragos Gavrilit, Liviu Ciortuz: *Dealing with Class Noise in Large Training Datasets for Malware Detection*. SYNASC 2011: 401-407
5. Mihai Cimpoesu, Dragos Gavrilit and Adrian Popescu: *The proactivity of Perceptron derived algorithms in malware detection*, Journal in Computer Virology 2012, DOI: 10.1007/s11416-012-0164-1
6. Cristina Vatamanu, Dragoş Gavrilit and Răzvan Benchea: *A practical approach on clustering malicious PDF documents*, Journal in Computer Virology 2012, DOI: 10.1007/s11416-012-0166-z
7. Gavrilit Dragos , Cristina Vatamanu and Benchea Razvan; *Practical optimizations for perceptron algorithms in large malware datasets.*; SYNASC 2012
8. Gavrilit Dragos , Cristina Vatamanu and Benchea Razvan; *Optimized zero false positives perceptron training for malware detection.*; SYNASC 2012
9. Gavrilit Dragos, *Tendinte noi in atacuri informatice*, Simpozionul International “Modalitati de prevenire s combatere a fraudelor informatice”, Mai 2010, ISBN 978-606-8000-97-8
- 10 Marius Barat, Bogdan Prelipcean, Dragos Gavrilit; *An Automatic Updating Perceptron-Based System for Malware Detection*; 2013, SYNASC
- 11 Marius Barat, Bogdan Prelipcean, Dragos Gavrilit; *A study on Common Malware Families Evolution in 2012*; Journal in Computer Virology and Hacking Techniques 2013, DOI: 10.1007/s11416-013-0192-5
- 12 Cristina Vatamanu, Dragos Gavrilit, Razvan Benchea; *Building a Practical and Reliable Classifier for Malware Detection*; Journal in Computer Virology and Hacking Techniques 2013, DOI: 10.1007/s11416-013-0188-1
- 13 Vlad Bordianu, Benchea Razvan, Dragos Gavrilit; *Google and Apple markets: are their applications really secure?!*; Virus Bulletin, 2013
- 14 Alexandru Maximciuc, Cristina Vatamanu, Doina Cosovan, Dragos Gavrilit, Octavian Mihai Minea and Razvan-Mihai Benchea; *In-depth analysis of PushDO botnet*; AAVAR 2013
- 15 Doina Cosovan, Razvan Benchea, Dragos Gavrilit; *A Practical Guide for Detecting JavaScript-based Malware using Hidden Markov Models and Linear Classifiers*; SYNASC, 2014
- 16 Barat Marius, Dumitru Bogdan Prelipcean, Dragos Gavrilit; *A Practical Approach on Cleaning-Up Large Data Sets*; SYNASC, 2014
- 17 Benchea Razvan, Dragos Gavrilit; *Combining Restricted Boltzmann Machine and One Side Perceptron for Malware Detection*; International Conference on Conceptual Structures, Graph-Based Representation and Reasoning: 21st International Conference on Conceptual Structures, ICCS 2014
- 18 Paul Bot, Cristina Vatamanu, Benchea Razvan, Dragos Gavrilit; *Performance testing framework: Evaluating the impact on the system speed*; Anti-malware Testing Research

WaTER 2014

- 19 Cristina Vatamanu, Doina Cosovan, Dragos Gavrilut, Henri Luchian; *A Comparative Study of Malware Detection Techniques Using Machine Learning Methods*; International Conference on Information Systems Security, 2015
- 20 Ciprian Oprisa, Dragos Gavrilut, George Cabau; *A Scalable Approach for Detecting Plagiarized Mobile Applications*; Knowledge and Information Systems (KaIS), 2015
- 21 Adrian Popescu, Bogdan Prelipcean, Dragos Gavrilut; *A Study on Techniques for Proactively Identifying Malicious URLs*; SYNASC, 2015
- 22 Cristina Vatamanu, Dragos Gavrilut, Razvan Benchea, Henri Luchian; *Feature Extraction using Genetic Programming with Applications in Malware Detection*; SYNASC, 2015
- 23 Prelipceanu Bogdan, Popescu Adrian, Dragos Gavrilut; *Improving Malware Detection Response Time with Behavior-Based Statistical Analysis Techniques*; SYNASC, 2015
- 24 Adrian Popescu, Dragos Gavrilut, Daniel Irimia; *A Practical Approach for Clustering Large Data Flows of Malicious URLs*; Journal in Computer Virology and Hacking Techniques 2016, DOI: 10.1007/s11416-015-0239-x
- 25 Dan Anton, Dragos Gavrilut, Alexandru Baetu and Adrian Popescu; *Detecting malicious URLs. A semi-supervised machine learning system approach*; SYNASC, 2016
- 26 Dragos Gavrilut, George Popoiu and Mihai-Razvan Benchea; *Identifying DGA-based botnets using network anomaly detection*; SYNASC, 2016
- 27 George Cabau, Radu Basaraba, Dragos Gavrilut, Ciprian Oprisa; *Smart Outlets. Why We Need Responsible Disclosure!*; Virus Bulletin, 2016

Lucrari stiintifice publicate in rezumat

1. *Sistem expert de analiza a teleradiografiilor de profil*
Dr. Zegand Georgeta , Dr. Gavrilut Dragos
Conferinta Nationala A.N.R.O. Volum de rezumate. 24.09.2004 – 26.09.2004 , Tg. Mures , pag. 14
2. *Sistem expert de analiza si diagnostic a teleradiografiilor de profil computerizate*
Dr. Zegand Georgeta , Dr. Gavrilut Dragos
Conferinta Nationala C.A.S. Iasi , Volum de rezumate , 29.09.2004 – 02.10.2004 , pag. 39

Apartenenta la societati stiintifice sau profesionale

1. Membru al Uniunii Nationale a Asociatilor Stomatologice (U.N.A.S) , 2000
2. Membru fondator „AMTSO” – Anti Malware Testing Standards Organization” , din anul Mai 2008
3. Membru al Evolutionary Computing Research Group, Facultatea de Informatica, Iasi (<http://profs.info.uaic.ro/~cevol/>)
4. Raportor wildlist din 2016 (http://www.wildlist.org/t_reporters.htm)

Proiecte de cercetare

1. B-Have pentru dispozitivele mobile, membru proiect din Mai 2013 – Aprilie 2015, PN CDI 2
 2. CIPSEC – Enhancing Critical Infrastructure Protection with innovative SECURITY framework, responsabil proiect Bitdefender, Mai 2016 – Aprilie 2019
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Limbaje de programare cunoscute

1. C/C++/ASM (x86 / x64) / MFC
2. Java (in special pentru Android)
3. .Net (C#)
4. Python

Cunostinte tehnice

1. Reverse engineering (IDA , OllyDbg, ...)
2. Programare Windows
3. Programare pe Android

Activitati manageriale

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|---------------------|---|
| 2007-2010 | Team Leader , Malware Research Team, BitDefender Laboratory, Iasi |
| 2010-present | AntiMalware Research Manager, Malware Research Team, BitDefender Laboratory , Iasi and Cluj |

Data

Semnatura