

PERSONAL INFORMATION

Crina Anina Bejan


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| Nationality Română

PROFESSIONAL
EXPERIENCE

2020 – prezent	Coordinator of the ECDL Center Aurel Vlaicu University of Arad
2019 – prezent	Assoc. Prof. Aurel Vlaicu University of Arad Faculty of Exact Sciences, Mathematics-Informatics Department Courses: • "Fundamentals of Programming" • "Data Structures" • "Mobile Application Development" • "Managerial Informatics" • "Modern Solutions for E-Business"
2019 - 2024	Vice- Deen Aurel Vlaicu University of Arad Faculty of Exact Sciences
2017 – 2019	University Lecturer Aurel Vlaicu University of Arad Faculty of Exact Sciences, Mathematics-Informatics Department Courses: • "Advanced Programming Techniques" • "Computer Graphics" • "Algorithms and Programming" • "Data Structures"
2007 – 2014	ECDL Examiner Universitatea de Vest Vasile Goldiș din Arad
2009 – 2014	University Assistant Universitatea de Vest Vasile Goldiș din Arad
2007 – 2009	University Preparator Universitatea de Vest Vasile Goldiș din Arad
2006 – 2008	Database Administrator Vasile Goldiș Western University of Arad
2004 – prezent	Economic Manager Daramec SRL, Șofronea 317350, Arad, România

EDUCAȚIE ȘI FORMARE

2009 – 2016	Doctoral Studies: PhD in Cybernetics and Statistics
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Babeș-Bolyai University, Faculty of Economic Sciences and Business Administration, Cluj-Napoca
 Field: Cybernetics and Statistics
 Scientific Coordinator: *Prof.univ.dr. Nicolae Tomai*
 Doctoral Thesis Title: *Optimization and Security of E-Business Systems*
 Grade: *Magna Cum Laude*

2010 – 2013	Certified Expert Accountant Body of Expert and Licensed Accountants of Romania, Arad Branch
2006 – 2008	Master's Degree: Business Informatics Aurel Vlaicu University of Arad, Faculty of Economic Sciences Specialization: Business Informatics
2002 – 2006	Bachelor's Degree: Economist West University of Timișoara, Faculty of Economic Sciences Specialization: Economic Informatics
1998 – 2002	High School Diploma and Programmer Analyst Certification Elena Ghiba-Birta National College, Arad Specialization: Informatics

PERSONAL SKILLS

Native Language Romanian

Foreign Languages:

Engleză

Franceză

UNDERSTANDING		SPOKEN		WRITING
Listening	Reading	Interaction	Production	
C1	C1	B1	B1l	C1
A1	A1	A1	A1	A1

Levels: A1/A2: Basic user, B1/B2: Independent user, C1/C2: Proficient user (according to the Common European Framework of Reference for Languages)

Digital Competence

Self-assessment				
Information Processing	Communication	Content Creation	Security	Problem Solving
Proficient User	Proficient User	Proficient User	Proficient User	Proficient User

Levels: Basic user, Independent user, Proficient user

Driving License Category B

ADDITIONAL INFORMATION

Affiliations

Member of the Body of Expert and Licensed Accountants of Romania, Arad Branch
 Member of INFOREC - Association for the Promotion of Economic Informatics Education

RESEARCH AREAS

- Digital Steganography
- CryptoEconomics
- Blockchain
- Cryptocurrencies
- Information Security
- Mobile Platforms

Scientific Publications Selection

Bejan, Crina Anina, Bucerzan, Dominic, Crăciun, Mihaela Daciana „*Bitcoin price evolution versus energy consumption; trend analysis*”, 2022, Applied Economics, Routledge, doi: 10.1080/00036846.2022.2097194

Bucerzan, Dominic, and Crina Anina Bejan. "*Blockchain. Today Applicability and Implications*" International Workshop Soft Computing Applications. Springer, Cham, 2020

BUCERZAN, Dominic, and BEJAN Crina Anina. "*Wallet key management in blockchain technology*." 2020, Proceedings of The 19th International Conference on Informatics in Economy (IE 2020)

D. Bucerzan, C. Rațiu, "*Image Processing with Android Steganography*" Soft Computing Application – Advances in Intelligent Systems and Computing, Springer International Publishing, Proceedings of 6th International Workshop on Soft Computing Applications (SOFA 2014), Volume 1, eBook ISBN 978-3-319-18296-4, ISBN 978-3-319-27178-1, DOI 10.1007/978-3-319-27179-8, pag. 27-36, Publicata in 2015 <http://www.springer.com/gp/book/9783319182957>

D. Bucerzan, C. Rațiu, "*Contributions to Steganographic Techniques on Mobile Devices*" Innovative Security Solutions for Information Technology and Communications , Springer International Publishing, Volume 9522 of the series Lecture Notes in Computer Science, pag. 242-252, eBook ISBN, 978-3-319-27179-8, ISBN 978-3-319-27178-1, DOI 10.1007/978-3-319-27179, Publicata in 2015 http://link.springer.com/chapter/10.1007/978-3-319-27179-8_17

C. Rațiu, D. Bucerzan, M.J. Manolescu, "*SmartSteg: A New Android Based Steganography Application*" International Journal of Computers Communications & Control, ISSN 1841-9836, E-ISSN 1841-9844, Vol. 8(5):p. 681-688, Publicat in 2013 WOS:000324844700004 , Factor de impact IF=0.694 DOI: <http://dx.doi.org/10.15837/ijccc.2013.5>

M. Crăciun, C. Rațiu, D. Bucerzan, A. Manolescu "*Actuality of Bankruptcy Prediction Models Used in Decision Support System* " International Journal of Computers Communication & Control, ISSN 1841-9836, E-ISSN 1841-9844, Vol. 8(3), pag. 375-383, Publicata in 2013 WOS:000319952400003, Factor de impact IF=0.694 DOI: <http://dx.doi.org/10.15837/ijccc.2013.3.464>

C. Rațiu, D. Bucerzan, M. Crăciun, "*Analysis of Bankruptcy Prediction Model in the Present Economic Situation*", Soft Computing Applications, Springer Berlin Heidelberg, Proceedings of the 5th International Workshop Soft Computing Applications, On line ISBN 978-3-642-33941-7, DOI 10.1007/978-3-642-33941-7_55, pag. 625-635, Publicata in 2013, WOS:000314077300055

Scientific Publications Selection

C. Rațiu, D. Bucerzan, M. Crăciun, "Contribution to Watermarking Techniques"
Soft Computing Applications, Springer Berlin Heidelberg, Proceedings of the 5th
International Workshop Soft Computing Applications, On line ISBN 978-3-642-
33941-7 , ISBN 978-3-642-33940-0, DOI 10.1007/978-3-642-33941-7_37, pag.
403-410, Publicata in 2013, WOS:000314077300037

D. Bucerzan, M. Crăciun, V. Chiș, C. Rațiu, "Stream Ciphers Analysis Methods",
International Journal of Computers Communications & Control, ISSN 1841-9836,
E-ISSN 1841-9844, Vol. 5(4):pag. 483-489, 2010, Factor de impact IF=0,65
WOS:000314077300055
http://www.dzitac.ro/files/ioan/IJCCC_contents_2006_2011.pdf

Rațiu Crina, Dominic Bucerzan, Craciun Mihaela Daciana, "Statistical Model of
the People Confidence in E-Business Services"
Constanta Maritime University Annals, Vol.14. 2010, pag. 237-240, ISSN 1582-
3601 Revista de categoria B+, indexata BDI

C. Rațiu, D. Bucerzan "Steganography and Cryptography on Mobile Platforms "
Constanta Maritime University Annals, Vol.20, 2013, ISSN 1582-3601
Revista de categoria B+, indexata BDI

Dominic Bucerzan, Crina Rațiu, Ioan Dascal, "Aspects of a Watermark Solution",
Revista Informatica Economică, vol. 14, no. 4/2010, pag. 132-138, ISSN 1453-1305
Revista de categoria B+, indexata BDI
http://revistaie.ase.ro/author_details.aspx?aid=5679

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