

PERSONAL INFORMATION

Crina Anina Bejan



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ratiu_anina@yahoo.com

| Nationality Română

PROFESSIONAL
EXPERIENCE

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- | | |
|----------------|--|
| 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: <ul style="list-style-type: none">• "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: <ul style="list-style-type: none">• "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**
 Babeş-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:

	UNDERSTANDING		SPOKEN		WRITING
	Listening	Reading	Interaction	Production	
Engleză	C1	C1	B1	B1	C1
Franceză	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

Information Processing	Self-assessment			
	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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