

## PERSONAL INFORMATION

Crina Anina Bejan (name before marriage Rațiu)



✉ crina.bejan@uav.ro  
ratiu\_anina@yahoo.com

Nationality Romanian

## WORK EXPERIENCE

2019 - present

**Associate Professor**

Faculty of Exact Sciences, Department of Mathematics and Computer Science, Aurel Vlaicu University of Arad

2016 - 2019

**Lecturer**

Faculty of Exact Sciences, Department of Mathematics and Computer Science, Aurel Vlaicu University of Arad

2004 - present

**Economic Manager**

Daramec SRL, Sofronea 317350, Arad, Romania

2009 -2014

**Instructor**

Vasile Goldiș Western University of Arad

2007 - 2009

**Associate Instructor**

Vasile Goldiș Western University of Arad

2006 - 2008

**Data Base Administrator**

Vasile Goldiș Western University of Arad

## EDUCATION AND TRAINING

2009 - 2016

**Doctoral Studies**

Babeș – Bolyai University, Faculty of Economics and Business Administration, Cluj–Napoca, 2016  
Ph.D. in Cybernetics and Statistics, Scientific coordination: Prof.univ.dr. Nicolae Tomai, Thesis title:  
Optimization and Security of E-Business Systems

2010 - 2013

**Expert Accountant**

The Body of Expert and Licensed Accountants of Romania

2009 - 2013

**Automotive Engineer**

Aurel Vlaicu University of Arad

2006 -2008

**Master of Management Information Systems**

Aurel Vlaicu University of Arad

2002 - 2006

**Business Informatics**

West University of Timișoara, Faculty of Economics and Business Administration

PERSONAL SKILLS

Mother tongue(s)	Romanian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1I	C1
French	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained through my teaching experience

Organisational / managerial skills ▪ leadership skills gained through my management experience

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software
- good command of programming (JAVA, C ++, C#, PHP, .NET, Visual Basic, Visual Fox Pro, Visual Delphi, Oracle ( SQL / PL SQL), MySQL, MS SQL Server, Visual Fox Pro)

Driving licence B

ADDITIONAL INFORMATION

The Most Relevant Publications until present

*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](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>  
<http://univagora.ro/jour/index.php/ijccc/article/view/642>

*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

The Most Relevant Publications  
until present

DOI: <http://dx.doi.org/10.15837/ijccc.2013.3.464>  
<http://univagora.ro/jour/index.php/ijccc/article/view/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, ISBN 978-3-642-33940-0, DOI 10.1007/978-3-642-33941-7\_55, pag. 625-635, Publicata in 2013 WOS:000314077300055, [http://link.springer.com/chapter/10.1007/978-3-642-33941-7\\_55](http://link.springer.com/chapter/10.1007/978-3-642-33941-7_55)

*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 [http://link.springer.com/chapter/10.1007/978-3-642-33941-7\\_37](http://link.springer.com/chapter/10.1007/978-3-642-33941-7_37)

*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](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](http://revistaie.ase.ro/author_details.aspx?aid=5679)

01.09.2020