Curriculum vitae Europass

Personal information

Surname / First name	**VASILESCU, ANCA**
Mail address	
Telephone number	0268-414016 Mobile number:
Fax number	0268-414016
E-mail address	vasilex@unitbv.ro
Nationality	Romanian
Date of birth	
Sex	Female

Work experience

Time	1996 – now
Occupation or position held	Assistant, Lecturer
Activities and responsibilities	Didactic and research activities in mathematics, computer science, ICT
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov, Romania
Type of business or sector	Higher education

Time	2016 – 2020
Occupation or position held	Vice-dean, Faculty of Mathematics and Computer Science, University *Transilvania* of Braşov
Activities and responsibilities	Vice-dean for liaison with economic and socio-cultural community, faculty image, IT infrastructure
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
Type of business or sector	University management

Time	2016 – now
Occupation or position held	Member of the Department of Mathematics and Computer Science Council, Faculty of Mathematics and Computer Science, *Transilvania* University of Braşov
Activities and responsibilities	Education and management activities
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
Type of business or sector	University management

Time	2016 – 2020
Occupation or position held	Senate member, University *Transilvania* of Braşov Senate
Activities and responsibilities	Administrative and management activities
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
Type of business or sector	University management

Time	2015 – 2020
Occupation or position held	Study programme coordinator for *Computer Science*, Department / Faculty of Mathematics and Computer Science, *Transilvania* University of Braşov
Activities and responsibilities	Administrative and management activities
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
Type of business or sector	Higher education, IT, University management

Time	2009 – now
Occupation or position held	Coordinator of internships and practical placements for students in Computer Science
Activities and responsibilities	Students' practical placements management
Employer's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
Type of business or sector	Higher education, University management, Liaison with economic partners

Education and training

Time	2019 – 2020
Qualification awarded	Certificate of professional competences
Main subjects covered / skills acquired	Postgraduate programme for professional development, RNPP nr. 91, Digital and Educational Resources for online education (REDION), Education Sciences, 8+2 ECTS, June – July 2020, online
Education or training organisation's name and address	Faculty of Sociology and Psychology, West University of Timisoara, Romania
(Inter)national qualification level	Postgraduate course for continuing education
Time	November 2011 – May 2012
Qualification awarded	Graduation Certificate, University of Bucharest, *„Blended learning" approach for continuing education of the university teachers* (BLU), POSDRU/57/1.3/S/26646
Main subjects covered / skills acquired	Postgraduate course "*Professional students internships* – Institutional strategies for design, implementation and evaluation of students' internships – placements and partnerships"
Education or training organisation's name and address	University of Bucharest
(Inter)national qualification level	Postgraduate course
Time	2004
Qualification awarded	Certificate for acquiring theoretical knowledge and application-oriented skills in the areas of tutorial support in open learning system
Main subjects covered / skills acquired	Content developer in Distance Learning, in the framework of RE2U Project for developing the Romanian-European eUniversity
Education or training organisation's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov University *Politehnica* of Bucharest, Splaiul Independentei 313, 060042 Bucureşti
(Inter)national qualification level	Postgraduate course
Time	1998 – 2006
Qualification awarded	PhD Diploma in Computer Science (Informatics)
Main subjects covered / skills acquired	Theoretical and applied research; doctoral thesis: *Formal Models for Non-sequential Processes*, supervisor Prof. Militon FRENŢIU
Education or training organisation's name and address	*Babeş – Bolyai* University, Cluj – Napoca, Str. Universităţii 1, 400091Cluj – Napoca
(Inter)national qualification level	Doctoral studies and research
Time	1997 – 1998
Qualification awarded	Master degree in Mathematics and Computer Science (Informatics)
Main subjects covered / skills acquired	Theoretical and applied research, master programme *Mathematical Models and Software Products*
Education or training organisation's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
(Inter)national qualification level	Postgraduate studies as master level
Time	1991 – 1996
Qualification awarded	Bachelor in mathematics and Computer Science (Informatics)
Main subjects covered / skills acquired	Mathematics and Computer Science – bachelor level in sciences and education

Education or training organisation's name and address	*Transilvania* University of Braşov, Bd. Eroilor 29, 500036 Braşov
(Inter)national qualification level	University studies
Time	1991 – 1996
Qualification awarded	Certificate of graduation
Main subjects covered / skills acquired	Qualification and competences in Education
Education or training organisation's name and address	*Transilvania* University of Braşov, Department for Human Resources in Education (Training and Management)
(Inter)national qualification level	University studies

Mother tongue	**Romanian**

Other languages

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoke interaction		Spoken production			
English	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
French	B1	Independent user	B1	Independent user	A2	Basic user	B1	Independent user	A2	Basic user

Driving licence	B

Additional information

Fields of interest:
- distributed and intelligent system, *internet of things*
- formal methods and languages, formal modelling of non-sequential processes
- *smart education, eLearning – distance learning* – LLL, CAI, ICT

Memberships:

2010 – now, SSMR, Romanian Mathematical Society

2013 – now, ACM, Association for Computing Machinery

Member of scientific or organizational committee, international conferences:

2020 – reviewer, 9th International Conference on Interactive Collaborative and Blended Learning – ICBL2020, Visions and Concepts for Education 4.0

2019, 2017 – reviewer, International Business Information Management Association IBIMA Conference

2018, 2017, 2016 – Programme Committee member and reviewer, INISTA International Symposium on INnovations in Intelligent SysTems

2018, 2016, 2014 – Organizing Committee member, MACOS International Conference on Mathematics and Computer Science, Braşov, Romania

2020, 2019, 2017, 2015, 2013, 2011, 2009 – Scentific Committee member and reviewer, MDIS Intl Conf on Modelling and Development of Intelligent Systems, Sibiu, Romania

2009-2020 – Scentific Committee member, ICDD International Students Conference on Informatics – Imagination, Creativity, Design, Development, Sibiu, Romania

2008-2015 – Scentific Committee member and reviewer, SEERC Doctoral Student Conference, RT2: Information & Communication Technologies, The University of Sheffield International Faculty, CITY College, Greece

2019, 2013, 2012, 2009 – Scentific Committee member and reviewer, Balkan Conference in Informatics

Additional information

Research publications (selected papers):

Perniu D., Manciulea I., Jaliu C., Perniu L., Vasilescu A., Draghici C., *Lessons Learned from Sudden Transition to On-line Learning*, chapter in: Auer M.E., Centea D. (eds) Visions and Concepts for Education 4.0, ICBL 2020, Advances in Intelligent Systems and Computing, vol 1314. Springer, Cham, 2021, pp. 411-418, (ISBN 978-3-030-67208-9 DOI: https://doi.org/10.1007/978-3-030-67209-6_44)

Sabin-Cătălin Prună, Anca Vasilescu, *FitPi: Wearable IoT solution for a daily smart life*, Intl J of Advanced Statistics and IT&C for Economics and Life Sciences, IJASITELS, Vol X, No. 1, December 2020, pp. 67-79 (ISSN 2559-365X, eISSN 2067-354X, DOI: 10.2478/ijasitels-2020-0007)

Andreea Vântu, Anca Vasilescu, *Using technology to improve the emergency room triage. e-UPU*, Poster Session, 7th ACM Celebration of Women in Computing: womENcourage 2020, ADA University in Baku, Azerbaijan, 24-27 September 2020

Dragoş Tohănean, Anca Vasilescu, *New business models based on Internet of Things*, PICBE – Proc of the 13th Intl Conf on Business Excellence, 21-23 March 2019, Bucharest, Romania, eds. SCIENDO, pp. 1192-1203, ISSN 2558-9652, DOI: https://doi.org/10.2478/picbe-2019-0105

Băicoianu Alexandra, Demeter Marius, Vasilescu Anca, *Innovative air quality system with emergency notifications*, Bulletin of the Transilvania University of Brasov - Series III: Mathematics. Informatics. Physics, 2019, 12(2), pp. 443-456 (ISSN 2065-2151, 2065-216x(CD), Scopus, DOI: 10.31926/but.mif.2019.61.12.2.22)

Ileana Manciulea, Anca Vasilescu, Stefano Girotti, Luca Ferrari, Michele Protti, Laura Mercolini, Lucia Dumitrescu, Dana Perniu, Camelia Draghici, *Massive open online courses (MOOCs) with open educational resources for toxicology learning – Drugs and pollutants as xenobiotics*, Environmental Engineering and Management Journal, EEMJ, 18 (8), pp. 1833-1842, 2019, (ISSN: 1582-9596, eISSN 1843-3707, ISI WOS:000482576500023, Scopus)

Ioan Marcu, Anca Vasilescu, *System for detection and prevention of disease over time*, 6th International Conference on Modelling and Development of Intelligent Systems, MDIS, October 3-5, 2019, Sibiu, Romania, ISBN 978-606-12-1669-7, eISBN 978-606-12-1674-1 [communicated and presented as Regular lecture and published in Volume of abstracts]

Anca Vasilescu, Claudia Carstea and Cristina Maria Pacurar, *WINAlarm – an innovative IoT-based information system as Python service*, Proceedings of the 28th International Business Information Management Association IBIMA Conference, 9-10 November 2016, Seville, Spain, pp. 1790-1797, Editor Khalid S. Soliman, (ISBN: 978-0-9860419-8-3)

V.F.Piraianu, C.Dragoi, A.Vasilescu, L.I.Vuta, G.E.Dumitran, *Lifetime Evaluation of the Mechanical Elements for a Run-of-river Hydroelectric Power Plant*, Proc of the 16th Intl Multidisciplinary Scientific GeoConference SGEM 2016, Book 4 Vol. 1, June 28 – July 6 2016, Albena BG, pp. 473-480 (ISBN 978-619-7105-63-6, ISSN 1314-2704, DBLP DOI 10.5593/SGEM2016/B41/S17.061)

Claudia Carstea, Anca Vasilescu, *Applying UML Standard to Design an Application for a Cadastral System*, Proceedings of the 27th International Business Information Management Association IBIMA Conference – Innovation Management and Education Excellence Vision 2020: From Regional Development Sustainability to Global Economic Growth, 4-5 May 2016, Milan, Italy, pp. 1967-1974 (ISBN: 978-0-9860419-6-9, ISI WOS:000381172301009, Scopus)

Vasilescu Anca, *Upon the Haskell support for the web applications development*, An. Şt. Univ. Ovidius Constanţa, Vol. 23(1), 2015, pp. 277–290 (DOI: 10.2478/auom-2014-0079)

George Eleftherakis, Milos Kostic, Konstantinos Rousis, and Anca Vasilescu, *Stigmergy Inspired Approach to Enable Agent Communication in Emergency Scenarios*, Proceedings of the 7th Balkan Conference on Informatics Conference (BCI '15), ACM, New York, NY, USA, Article 22, 8 pages (ISBN: 978-1-4503-3335-1, http://dx.doi.org/10.1145/2801081.2801119)

Vasilescu Anca, *Basic types of flip-flops: specification and automatic verification*, Bulletin Of The Transilvania University Of Braşov - Series III: Mathematics. Informatics. Physics, Vol 7(56), No. 2 – 2014, pp. 203-210 (ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM))

Vasilescu Anca, *Algebraic model for the CPU arithmetic unit behaviour*, Proc. of the Third Intl. Conf. MDIS 2013, Sibiu, Romania, October 20-12 2013, pp.136-145, Lucian Blaga University Press 2014, Editor Dana Simian (ISSN 2067-3965, ZBL 1254.68041)

Băicoianu Alexandra, Pândaru Raluca, Vasilescu Anca, *Upon the performance of a Haskell parallel implementation*, Bulletin of The Transilvania University of Braşov – Series III: Mathematics. Informatics. Physics, Vol 6(55), No. 2 – 2013, pp. 61-72 (ISSN 2065-2151 (Print), ISSN 2065-216X (CD-ROM))

Additional information

Reviews:

Monica A.P. Purcaru, Aurelia Neguş, Alexandrina L. Pancu, Gabriela Păvălucă, *Complemente de metodica predării matematicii pentru învăţământul primar*, Editura Universităţii *Transilvania* din Braşov, **2011**, Referenţi ştiinţifici: Lector Dr. Mirela A. Târnoveanu, Lector Dr. <u>Anca Vasilescu</u>

Didactic / educational publications:

<u>Vasilescu Anca</u>, *DIDACTICA SPECIALITĂŢII pentru studenţii de la domeniul de licenţă Informatică* (in Romanian), Editura MATRIX ROM, Bucureşti, 2013 (ISBN 978-606-25-0034-4)

Cocan Moise, <u>Vasilescu Anca</u>, *Programarea matematică folosind MS-Excel Solver, Management Scientist, Matlab* (in Romanian), Editura Albastră, Grupul Microinformatica Cluj-Napoca, 2001 (ISBN 973-9443-87-7)

<u>Vasilescu Anca</u>, *Concepte de bază în tehnologia informaţiei* (in Romanian), Editura Universităţii din Piteşti, 2000

Additional information

International projects:

EEA Grants, *Environmental Education – OERs for Rural Citizens,* 19-COP-0038 EnvEdu-OERs, 1 nov 2020 – 31 oct 2022 – member

Erasmus+: STRATEGIC PARTNERSHIPS project (SP): "LEARNING TOXICOLOGY THROUGH OPEN EDUCATIONAL RESOURCES (TOX-OER)" (2015-1-ES01-KA203-015957), 2015-2017, member

Project *Professional Training for Pre-university teachers for new carieer development opportunities*, POSDRU/57/1.3/S/32629, 2010-2012, Coordinator for implementing the training programme in ICT, Short-term expert

Socrates/Erasmus: Curricula Development project (CDI/PROG): "MASS - Management and Security Assessment for Sustainable Environment" (51388-IC-1-2004-1-RO-ERASMUS-MODUC-6), 2005 - 2007 – member

Erasmus+: STRATEGIC PARTNERSHIPS project (SP): "LEARNING TOXICOLOGY THROUGH OPEN EDUCATIONAL RESOURCES (TOX-OER)" (2015-1-ES01-KA203-015957), 2015-2017, member