Europass
Curriculum Vitae

First name(s) / Surname(s)	**LUCIAN MIHAI MOCANU**
Address(es)	Str. Caracal nr. 24, 200347 Craiova, Romania
Telephone(s)	
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Web Page(s)	DBLP: https://dblp.uni-trier.de/pers/hd/m/Mocanu:Mihai
	Google Scholar: https://scholar.google.com/citations?hl=en&user=6hUFApsAAAAJ
	ResearchGate: https://www.researchgate.net/profile/Mihai_Mocanu
	Academic: http://software.ucv.ro/~mmocanu
	ORCID Profile: https://orcid.org/0000-0001-6725-365X
	WebofScienceResearcherID: https://publons.com/researcher/C-8401-2015
	Scopus Author Identifier: 6701463458
	Brainmap: https://www.brainmap.ro/mihai-mocanu
Nationality	Romanian
Date of birth	25/12/1962
Gender	Male

Education and training

Dates	15/11/1992 – 17/12/1999
Title of qualification awarded	Ph.D., Control Systems
Principal subjects / occupational skills covered	Preparatory research-oriented content and thesis: "Discrete Event Dynamical Systems. Parallel Approaches"
Name and type of organisation providing education and training	University of Craiova, Romania
Level in national or international classification	ISCED 8

Dates	15/09/1982 – 17/12/1999
Title of qualification awarded	Diploma Engineer (M.Sc. degree)
Principal subjects / occupational skills covered	Control and Computer Engineering, Electrical Engineering
Name and type of organisation providing education and training	University of Craiova, Romania
Level in national or international classification	ISCED 7

Work experience

Dates	01/10/2006 → present
Occupation or position held	Professor, Ph.D. Advisor since 2007, Director of the Department of Continuous Education - University of Craiova between 2012-2016, Vice-Dean - School of Control, Computers and Electronics 2016-2020
Main activities and responsibilities	Teaching and research in the field of Software Engineering/ IT
Name and address of employer	University of Craiova, 13 A.I.Cuza Str., 200585 Craiova, Romania
Type of business or sector	Education/ Research

Dates	01/09/2001 - 30/09/2002
Occupation or position held	Visiting Research Scholar
Main activities and responsibilities	Research and development in the field of experimental software systems for visualization and image-guided surgery
Name and address of employer	OIP, Georgetown University, Box 571013, 20057 Washington D.C., U.S.A.
Type of business or sector	Education/ Research
Dates	01/01/2000 - 01/02/2001
Occupation or position held	Expert for Higher Education
Main activities and responsibilities	Project Management for PHARE RO9601/L02/05 Program of Higher Education Reform, responsible for the development of Romanian Higher Education Financial System (ROHEFIS)
Name and address of employer	The Ministry of Education and Research, 28-30 Gen. Berthelot Str., 010168 Bucharest, Romania
Type of business or sector	Education
Dates	27/02/1995 - 30/09/2006
Occupation or position held	Senior Lecturer/ Associate Professor, Vice-Dean of the School of Control, Computers and Electronics 2000-2004
Main activities and responsibilities	Teaching and Research in the field of Software Engineering/ IT
Name and address of employer	University of Craiova, 13 A.I.Cuza Str., 200585 Craiova, Romania
Type of business or sector	Education
Dates	01/10/1990 - 26/02/1995
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching and research in the field of Software Engineering/ IT
Name and address of employer	University of Craiova, 13 A.I.Cuza Str., 200585 Craiova, Romania
Type of business or sector	Education
Dates	15/09/1987 - 30/09/1990
Occupation or position held	Analyst/ Research Engineer
Main activities and responsibilities	Design, implementation, verification and validation of software systems for CAD/ CAM and FEA
Name and address of employer	Computing Center/ Research Center of the National Institute for Automotive Engineering

Most Relevant Projects

Dates	2023
Project Name	Algorithm for Diagnosis and Management of Cardiac Dysfunction in Oncology Patients DIONCO, Contract funding: 14/1.2.1 PTI ap.2/24.03.2023, Code SMIS: 156442
Position	Partner co-ordinator
Type of business or sector	EU Education/ Research
Dates	2012-2016
Project Name	ICT COST Action IC1105: 3D Content Creation, Coding and Transmission over Future Media Networks (3D-ConTourNet), EU-COST program
Position	Management Committee Member
Type of business or sector	EU Education/ Research
Dates	2010-2014
Project Name	ICT COST Action IC1002: Multilingual and multifaceted interactive information access (MUMIA), EU-COST program
Position	Management Committee Member
Type of business or sector	EU Education/ Research

Dates	2004-2006
Project Name	CNCSIS Grant, A 316/2004: "Research on the Development and Integration of Systems for Medical Imaging and Distributed Databases"
Position	Director
Type of business or sector	Romanian National Education/ Research
Dates	2001-2002
Project Name	Periscopic Spine Surgery Grant DAMD #17-99-1-9022
Position	(Software) Management Committee Member
Type of business or sector	US Education/ Research @ Georgetown University, Washington DC

Track Record of last 10 years (a list of 5 relevant publications/ scientific outputs)	1. C.M. Poteras, M.C. Mihaescu, M.Mocanu. *An Optimized Version of the K-Means Clustering Algorithm*, Annals of Computer Science and Information Systems, Vol 2, 2014 (Proceedings of the Federated Conference on Computer Science and Information Systems, IEEE, ISSN 2300-5963, pp. 695–699, 2014, **DOI:** 10.15439/2014F258
	2. Baji, F.; Mocanu, M L.; Popa, D.L. *Brain Tumor Detection based on Asymmetry and K-Means Clustering MRI Image Segmentation*, Journal of Engineering Science and Technology, vol.13 no.12, pp. 4145-4159, ISSN: 1823-4690, 2018, DOI: 10.17485/ijst/2018/v11i3/119998
	3. C. Constantinov, M. Mocanu. *A Comprehensive Review of Professional Network Impact on Education and Career*, in „Challenges and Applications of Data Analytics in Social Perspectives", IGI Global, 2020, ISBN: 9781799825678, pp. 1-26, 2020, DOI: 10.4018/978-1-7998-2566-1.ch001
	4. Apoki, U.C.; Hussein, A.M.A.; Al-Chalabi, H.K.M.; Badica, C., Mocanu, M.L.. *The Role of Pedagogical Agents in Personalised Adaptive Learning: A Review*. Sustainability, 14 (11), 6442, 2022, DOI: 10.3390/ su14116442
	5. M. L. Mocanu, P. S. Popescu, C. M. Ionascu, and M. C. Mihaescu, M.C. *Increasing Engagement in e-Learning Systems*, in: Mihăescu, M.C. (ed.) Data Analytics in e-Learning: Approaches and Applications, pp. 101-121. Intelligent Systems Reference Library, vol 220. Springer, Cham, 2022, DOI: 10.1007/978-3-030-96644-7_6

Ph.D.Theses (supervised)	2011. Poteraș Marian Cosmin. „Modeling, Real-Time Simulation and Visualization Techniques with Applications in Computational Steering"
	2013. Popa Radu Teodoru. „Virtualization of Medical Data"
	2015. Mohammad al-Odat. „Intuitionistic Fuzzy Logic Applied to Real-Time Traffic Modeling and Optimization"
	2018. Mancaș Cătălina Felicia. „Software Performance Optimization in Virtual Computing"
	2018. Baji Faiq Sabbar Baji. „Features Extraction Techniques for Medical Image Diagnosis and Retrieval"
	2019. Popescu Paul Ștefan. „ Data Analysis Methods and Tools for Improving Interaction Design in E-Learning Systems"
	2020. Constantinov Călin. „Graph Databases for Data Modelling and Analysis in Social Networks"
	2022. Humam Majeed Al-Chalabi „Multi-personalization Parameters Adaptive e-Learning System using a Semantic Approach"
	2022. Constantin Renato Ivănescu. „Medical Data Processing Enhancements: New AI-based Computation and Communication Model"
	2023. Popa Didi Liliana. "Deep Learning in Medical Imaging"

Personal skills and competences	
Mother tongue(s)	**Romanian**
Other language(s)	**English, French**

EUROPEAN LEVELS - SELF ASSESSMENT GRID

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
French	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference (CEF) level

Social skills and competences	Team worker, with good ability to adapt to multicultural environments and very good communication skills proved by successful participation and conducting of many projects, in Romania and abroad.
Organisational skills and competences	Leadership and ability to put in place small teams for current research projects (5-20 people) or large teams (appointed as software manager at National level, according to Ministry of Education Order #3577/11.04.00; responsible for the implementation of ROHEFIS, the software for the higher education financial system, in 56 Romanian State universities).
Technical skills and competences	Theoretical and experimental research oriented. Good command of control systems (main expertise is in discrete event systems modeling/ simulation), computer programming, software design (use case driven development, UML, object oriented design), software engineering (agile methodologies, project management, reverse engineering).
Computer skills and competences	Ability to adapt and work in any computer environment.
Other skills and competences	Founder and former (elected) president of the University of Craiova Alumni Association. Hobbies: football, chess, bridge, snooker.
Driving licence	B category.

Additional information

Personal publications: 10 books; more than 150 papers in journals or conference proceedings; more than 25 research contracts completed.

Multiple certificates and prizes awarded, for best paper or outstanding contributions to research. Member of the Program or Steering Committee, and also session chair/ co-chair for several international conferences.

Member of Professional Societies: IEEE - "The Institute of Electrical and Electronics Engineers" – since 1994 (M#40021916); ACM - "The Association for Computing Machinery " – (M#4547386); SRAIT - "The Romanian Society for Automatics and Technical Informatics"– since 1995 (M#824); SRR - "The Romanian Society for Robotics"– since 2002 (M#155)

Practical experience in academic management, National - expert for Higher Education (2000-2001) and local – director of Department, vice-dean of the School of Control and Computers (2000–2004 and 2016-2020).

Annexes

References: prof.dr.ing. Vladimir Răsvan; prof.dr.ing. Constantin Brătianu; assoc.prof. Kevin Cleary.

Detailed Resume, List of Scientific Papers