



Crina Narcisa Deac (Georgescu)

Data nașterii: 26/07/1973 | **Cetățenie:** română | **Gen:** Feminin

EXPERIENȚA PROFESIONALĂ

08/08/2003 – ÎN CURS – București, România

DIRECTOR GENERAL, ADMINISTRATOR – IMPRO MEDIA SRL

Administrarea companiei, implementarea de proiecte în domeniile: publicitate și activități ale agenților de publicitate, producție software și multimedia.

Dezvoltarea de aplicații web și platforme online, programare software orientată pe obiect, dezvoltare de aplicații multimedia, AI.

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

1987 – 1991 – Baia Mare, România

LICEU – Colegiul Național "Gheorghe Șincai"

Domeniul (domeniile) de studiu

- Matematică-Fizică

1991 – 1996 – Str. Victoriei, nr. 76 430122, Baia Mare, România

FACULTATE – Facultatea de Științe - Centrul Universitar Nord

Domeniul (domeniile) de studiu

- Matematică-Fizică

Lucrarea de diplomă: Analiză Matematică, Derivate Generalizate

2013 – 2014 – Timisoara, România

CERTIFICARE JAVA DEVELOPER ÎN CADRUL UNUI PROGRAM DE INSTRUIRE ONLINE – Link Academy

Programare Java (Java Advanced, Java FX, JAVA Web, Java GUI) Object/Relational Mapping/Hibernate, Java Web services and XML, Java FX, Programarea și administrarea MySQL, Curs de limbă engleză.

2014 – 2016 – România

MASTER „COMUNICARE MANAGERIALĂ –TEHNICI DE INSTRUIRE ÎN MEDIUL VIRTUAL” – Univeritatea Politehnica București, Facultatea de Inginerie Industrială și Robotica

Directii de instruire: Strategii de comunicare în mediul virtual, Platforme e-learning, Metodica predării în mediul virtual, Documente și tehnici grafice de instruire, Comportament organizațional în rețelele virtuale, Arhitecturi de calculatoare, Instruire prin rețele de socializare

Lucrarea de diplomă: Cercetări Teoretice și Experimentale Privind Strategiile de Dezvoltare Software Pentru Platformele de Realitate Virtuală și Augmentată

10/2018

CURS IBM - FUNDAMENTALS OF SCALABLE DATA SCIENCE – Coursera

02/2018

CURS STANFORD UNIVERSITY - MACHINE LEARNING – Coursera

[Coursera | Online Courses & Credentials From Top Educators. Join for Free | Coursera](#)

12/2019

CURS DEEP LEARNING.AI - INTRODUCTION TO TENSORFLOW FOR ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING – Coursera

[Coursera | Online Courses & Credentials From Top Educators. Join for Free | Coursera](#)

01/2019

CURS IBM - ADVANCED MACHINE LEARNING AND SIGNAL PROCESSING – Coursera

[Coursera | Online Courses & Credentials From Top Educators. Join for Free | Coursera](#)

04/2020

CURS DEEP LEARNING.AI - SEQUENCES, TIME SERIES AND PREDICTION – Coursera

<https://www.coursera.org/account/accomplishments/certificate/LEVFR2QBM398>

2016 – ÎN CURS – România

STUDII DOCTORALE – Universitatea Politehnica Bucuresti, Facultatea de Inginerie Industrială și Robotica

Lucrarea de diplomă: Platforma de Mentenanță în Industria 4.0

● **COMPETENȚE LINGVISTICE**

Limbă(i) maternă(e): **LIMBA ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehenșiune orală	Citit	Exprimare scrisă	Conversație	
LIMBA ENGLEZĂ	B2	C1	B2	B2	B2
LIMBA FRANCEZĂ	B2	B2	B2	B2	B2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

● **COMPETENȚE DIGITALE**

Web Design (HTML CSS PHP JavaScript Bootstrap Laravel) | Programe software CRM (Customer Relationship Management) | tehnologii web (html, css, javascript, node.js, json) | Baze de date (SQL, MySQL, Oracle); | Machine Learning and Deep Learning: Tensorflow and Keras | Java, JavaScript, JSF, JPA, JSP, WebServices(SOAP, REST), JavaScript, JQuery | Inteligență Artificială | Algoritmi și Structuri de Date | Python programming | Proiectare site-uri web (Macromedia Dreamweaver) | Adobe (Adobe Photoshop Adobe InDesign Adobe Illustrator)

● PUBLICAȚII

Vibration Anomaly detection using multivariate time series

2021

Deac, C.N., Deac, G.C., Parpală, R.C., Popa C.L, Popescu, C.A. 2021.

Vibration Anomaly detection using multivariate time series, *International Conferences on 4th Space Launching and 16th Artificial Intelligence applied in the fields of Aerospace, Robotics, Manufacturing Systems, Mechanical, Engineering, Technology of Materials, Power Energy and Neurorehabilitation* (July), Jupiter.

Virtual Reality Laboratory for distance learning

2021

Deac, G.C., Deac, Popa C.L, Dobrescu, T., Coteț, C.E. 2021. Virtual Reality Laboratory for distance learning, *International Conferences on 4th Space Launching and 16th Artificial Intelligence applied in the fields of Aerospace, Robotics, Manufacturing Systems, Mechanical, Engineering, Technology of Materials, Power Energy and Neurorehabilitation*, (July), Jupiter.

The Importance of Virtual Immersion in the Rapid Prototyping of Industrial Products

2021

Ghinea M., Deac G.C., Deac C.N. and Nita F.A., 2021, The Importance of Virtual Immersion in the Rapid Prototyping of Industrial Products, published under licence by *IOP Publishing Ltd Journal of Physics: Conference Series*, Volume 1935, 5th Agria Conference on Innovative Vehicle Technologies and Automation Solutions InnoVeTAS 2021 13 May 2021, Eger, Hungary

Vibration anomaly detection using deep neural network and convolutional neural network

2021

Deac C.N., Deac G.C., Parpală R., Popa C.L., Coteț E.C. 2021. *Vibration anomaly detection using deep neural network and convolutional neural network - International Journal of Modeling and Optimization* **vol. 11, No. 1, (February)**. DOI: 10.7763/IJMO.2021.V11.772

An Innovative Industry 4.0 Cloud Data Transfer Method for an Automated Waste Collection System

2020

Coteț C.E., Deac G. C., Deac C. N., Popa, C.L. 2020. An Innovative Industry 4.0 Cloud Data Transfer Method for an Automated Waste Collection System, *Sustainability*, (February) 12(5), 1839.

Virtual Reality Digital Twin for a Smart Factory

2020

Deac G.C., Deac C.N., Popa C. L., Coteț E.C. 2020. Virtual Reality Digital Twin for a Smart Factory, *International Journal of Modeling and Optimization*, vol.10 (6): pag.190-195, Dec. ISSN: 2010-3697, DOI: 10.7763/IJMO.2020.V10.769

Implementation of a virtual reality collaborative platform for industry 4.0. offices

2020

Deac G.C., Deac C.N., Popa C.L., Coteț E.C. 2020. *Implementation of a virtual reality collaborative platform for industry 4.0. offices, Journal Proceedings in Manufacturing Systems*, vol.15, Issue 3, (November), ISSN 2067-923

Computerized Maintenance Management System (CMMS) IOTIA Maintenance platform implementation for industry 4.0

2020

Deac C.N., Deac G.C., Popa C.L., Coteț E.C. 2020. *Computerized Maintenance Management System (CMMS) IOTIA - Maintenance platform implementation for industry 4.0 – Journal Proceedings in Manufacturing Systems, col.15, Issue 3, (November), ISSN 2067-923*

Social Virtual Reality Collaborative Platform

2019

Deac G.C., Deac C.N. Coteț E.C., Mihalache G., 2019. Social Virtual Reality Collaborative Platform, *RST Journal Supplement 1/ ISSN-E 2344-007 / ISSN-L 2344-0007*

Methods to identify time series abnormalities and predicting issues caused by component failures

2019

Deac C.N., Deac G.C., Popa C.L., Chiscop F. 2019. Methods to identify time series abnormalities and predicting issues caused by component failures, *9th International Conference on Manufacturing Science and Education*, vol.290, 10 pag, MSE, (August), Sibiu, Romania, DOI: 10.1051/mateconf/201929002002

Video Working Instruction System, Journal Proceedings in Manufacturing Systems

2019

Deac C.N., Deac G.C., Chiscop F., Popa C. L. 2019. Video Working Instruction System, *Journal Proceedings in Manufacturing Systems, vol.14 Issue 2: 67-72, ISSN 2343-7472, ISSN-L 2067-9238*

New Method for sending data to the cloud from an OPC UA client application

2019

Deac G.C., Deac C.N., Popa C. L., Coteț C.E., Chiscop F. 2019. New Method for sending data to the cloud from an OPC UA client application, *Journal Proceedings in Manufacturing Systems, vol.14, Issue 2: 55-60, ISSN 2067-9238*

Social Virtual Reality Exhibition Platform

2018

Deac G. C, Deac C. N, Coteț E.C., Ghinea M. 2018. Social Virtual Reality Exhibition Platform, *Proceedings of the 29th International DAAAM Symposium on Intelligent Manufacturing and Automation*, (January), DOI: 10.2507/29th.daaam.proceedings.033

Virtual Reality Broadcasting Studio

2018

Deac C.N., Deac G.C., Coteț E.C. 2018. Ghinea M., Virtual Reality Broadcasting Studio, *Proceedings of the 29th International DAAAM Symposium on Intelligent Manufacturing and Automation*, (January), DOI: 10.2507/29th.daaam.proceedings.033

Using Augmented Reality in Smart Manufacturing

2017

Deac C.N., Deac G.C., Popa C. L. 2017. Ghinea M., Coteț E.C. 2017. Using Augmented Reality in Smart Manufacturing, *Proceedings of the 28th International DAAAM Symposium on Intelligent Manufacturing and Automation*, 7-11 (November), DOI: 10.2507/ 28th.daaam.proceedings.102, Festo Prize for Young Researchers and Scientists.

Developing and implementing software solutions to intergrate waste collecting systems into smart city infrastructures

2017

Deac C.N., Popa C. L., Dobrescu T., Coteș E.C. 2017. Developing and implementing software solutions to intergrate waste collecting systems into smart city infrastructures, *MIT Conference and Workshop* (September), Sinaia, Romania, *Research and Science Today Supplement* No. 2 /2017

TIMV-Plus, a new approach of the immersive e-learning platforms

2017

Deac G.C., Deac C.N., Coteș E.C., Ghinea M. 2017. TIMV-Plus, a new approach of the immersive e-learning platforms, ICESBA, (November) Bucharest, Romania, *Procedia of Economics and Business Administration*, ISSN :2392-8174, ISSN-L:2392-8166

Machine Vision in Manufacturing Processes and the digital twin of manufacturing architectures

2017

Deac G.C., Deac C.N., Popa C.L. Ghinea M., Coteș E.C. 2017. Machine Vision in Manufacturing Processes and the Digital Twin of manufacturing architectures, *Proceedings of the 28th International DAAAM Symposium on Intelligent Manufacturing and Automation*, DOI: 10.2507/28th.daaam.proceedings.103

Self-Learning Improvement by means of cloud computing

2017

Deac C.N., Deac G.C., Coteș E.C., Ghinea M. 2017. Self-Learning Improvement by means of cloud computing, ICESBA, (November), Bucharest, Romania, *Procedia of Economics and Business Administration*, ISSN: 2392-8174, ISSN-L:2392-8166

Training Application For Industries By Means Of Virtual Reality Technology

2017

Ghinea M., Deac G.C., Deac C.N. 2017. Training Application For Industries By Means Of Virtual Reality Technology, *Proceedings of the International Conference on Augmented Reality for Technical Entrepreneurs*, vol. 5, Bucharest, Romania, WSEAS Transactions on Computer Research pag.42-50, Doc. Type: Proceedings Paper

Developing e-learning platforms through integration of 3D virtual immersion into users world- a new concept

2016

Ghinea M., Deac G.C., Deac C.N. 2016. Developing e-learning platforms through integration of 3D virtual immersion into users world- a new concept, *Proceedings of the International Conference on Augmented Reality for Technical Entrepreneurs*, Editor Cătălin Gheorghe Amza, Teodora Chiciooreanu, (April), Bucharest, Romania, ARTE, ISBN 978-606-23-0563-5, (73-82) Doc. Type: Proceedings Paper

Theory and concept of e-learning platforms

2015

Ghinea M., Deac G.C., Deac C.N. 2015. *Theory and concept of e-learning platforms*, ISBN 978-606-610-162-2, Publisher BREN, Bucharest, 2015

Developing e-learning platforms

2015

Ghinea M., Deac G.C., Deac C.N. 2015. 2015. *Developing e-learning platforms*, ISBN 978-606-610-163-9, Publisher BREN, Bucharest