Curriculum Vitae of Lyuben Boyanov

Personal Information

Date of Birth	07/09/1960	Gender	Male
Academic Title	Professor	Job Title	Professor
Teaching Experience		E-mail Address	lboyanov@unwe.bg
Courses Undertaken	Digital systems, Computer architectures, Computer networks, Networks and communication, Informatics, Computer Security, Internet of Things, Cybersecurity,		

Educational Background

Period	Graduated from	Major	Degree
1980-1985	Sofia Technical University	Computer Science	Bachelor, Master
198801989	Manchester University, UK	Computer Science	MSc
1990-1995	Manchester University, UK	Computer Science	PhD

Employment Experience

Period	Employer	Job Title
1985-1987	Central Institute of Computing, Sofia	Engineer
1995-1998, 2001-2006	Central laboratory for Parallel Processing, BAS	Research fellow
1998-2001	Ministry of Environment and Water	Head of International Cooperation department
2001	Ministry of Education and Science	Director of the Directorate for International Cooperation
2008	Bulgarian Supercomputing Center	Acting director
2006-2014	Institute of Information and Communication Technologies at the Bulgarian Academy of Sciences (BAS)	Associate professor
2014-2023	University of National and World Economy	Associate professor
2023-present	University of National and World Economy	Full time professor

Main Teaching (Scientific) Research Projects

Project Title	Project Level	Responsibility	Date of Approval

STUDIES-DIG	International-EC funded	Participant from UNWE	2023
DS Farm	International-EC funded	Participant from UNWE	2022
Bulgarian IST Centre of Competence in 21 Century (BIS21++), Contract INCO-CT-2005-016639, 2005-2007	EC funded	Project manager	2006
Evaluation of the Institute for Parallel Processing, Bulgarian Academy of Sciences (EVALIPP), 2009-2010 г., FP7-CSA-SA, Project number 229502	EC funded	Project manager	2008
DFNI - T01/4 "Investigation of the possibilities of identifying cyber threats and their relation to the behavioral dynamics of users in future homes", 2012-2014	National project	Project manager	2011
Creation of platforms for learning approaches for applications in the Internet of Things - 2015-2017	University project	Project manager	2014
Project № BG05M2OP001-1.002-0002-C02 "Digitalization of the economy in a Big Data environment (DIGD)" 2018-2023	National project	Participant from UNWE	2017
IIoT net PROJECT, Industrial Internet of Things VET Network, № 609085-EPP-1-2019-1-BG-EPPKA3-VET-NETPAR – 2019-2021	International project	Participant from UNWE	2018
EuroCC: National Competence Centres in the framework of EuroHPC, Grant Agreement No.951732-EUROCC-H2020-JTI-EuroHPC-2019-2, 2019-2022	International project	Participant from UNWE	2018

Publications (recent, selected)

Name	Publisher	Date of Publication
Dragomirov N., Boyanov L., Digital transformation challenges in Bulgaria, (SCOPUS)	International Conference on Technics, Technologies and Education ICTTE 2020, November 4-6, 2020	2020
Kuskatijski N., Boyanov L., Acquiring and storing data from IoT into Hadoop, (SCOPUS)	International Conference on Technics, Technologies and Education ICTTE 2020, November 4-6, 2020	2020
Dragomirov N., Boyanov L., Supply Chain Management and Logistics Big Data Challenges in Bulgaria, DOI: 10.2478/logi-2021-0016, pp. 171-181. (SCOPUS)	LOGI – Scientific Journal on Transport and Logistics, vol. 12, No. 1	2021

Boyanov L., Financial data processing in big data platforms, pp. 534-546, DOI: https://doi.org/10.37075/EA.2021.4.03. (SCOPUS)	Economic Alternatives, year 2021, issue 4, UNWE Publishing Complex, ISSN (print): 1312-7462, ISSN (online): 2367-9409,	2021
Boyanov L., Internet of Things reference architecture prototype, pp. 1042-1048, DOI:10.7546/CRABS.2021.07.11 (SCOPUS and Web of Science)	Comptes rendus de l'Académie bulgare des Sciences, vol. 74, issue 7, 2021, ISSN 1310–1331 (Print) ISSN 2367–5535 (Online),	2021
Boyanov L., System components for data extraction and processing from Internet of Things, pp. 463-467.	32nd International Scientific Conference KNOWLEDGE FOR DEVELOPMENT, 19-22.08.2021, Struga, N. Macedonia, KNOWLEDGE, International Journal, Scientific papers Vol. 47, N 3, ISSN 1857-923X (Printed), ISSN 2545-4439 (Online)	2021
Boyanov L., Framework of security issues in Industrial Internet of Things, , pp. 45-47.	3rd International Scientific and Practical Internet Conference «Integration of Education, Science and Business in Modern Environment: Summer Debates», ISSN 2664-4819 (Online), August 11-12, 2021, Dnipro, Ukraine	2021
Kuskatijski N., Boyanov L., Efficiency of data exchange of IoT communication protocols, DOI: 10.1109/ICAI52893.2021.9639627, pp. 358-361, (SCOPUS)	2021 International Conference Automatics and Informatics (ICAI) (ICAI'21), 30 Sept - 2 Oct 2021, Varna, Bulgaria, IEEE Publisher, ISBN 978-1-6654-2661-9,	2021
Boyanov L., The Digital World - The Change, Global Digital Transformation - Enriching or Impoverishing Humanity	, ISBN 978-619-239-637-4,Avangard Prima Publ, Sofia 2021, 188 p.	2021
Boyanov L., A conceptual approach for Industrial Internet of Things assessment, DOI: https://doi.org/10.37075/YB.2021.2.07	UNWE Yearbook, year 2021, Issue 2, Year LIX, ISSN (print): 1312-5486, ISSN (online): 2534-8949, UNWE, Sofia, pp. 97-107.	2021
Boyanov L., Using and Processing Big Data in Transportation - Platforms and Approaches,	Proc. Economic and Social Alternatives, UNWE, issue 1, 2022, ISSN (print): 1314-6556, ISSN (online): 2534-8965, pp. 50-57, DOI: https://doi.org/10.37075/ISA.2022.1.05,	2022

Boyanov L., Dynamics and effects of Covid-19 in education process,	Eastern Academic journal, ISSN: 2367–7384, Vol. 1, April, 2022, pp. 38 – 45	2022
Stoyanova T., Boyanov L., "Models for the digitization of the learning process in higher schools / on the example of University of National and World Economy/,", (SCOPUS)	2022 V International Conference on High Technology for Sustainable Development (HiTech), Sofia, Bulgaria, 6-7 Oct. 2022, pp. 1-4, doi: 10.1109/HiTech56937.2022.10145550	2023
Boyanov L., The development of modern chatbots and their applications	Economic and Social Alternatives, Vol. 30, Issue 1, 2024 pp. 80-93 ; DOI: https://doi.org/10.37075/ISA.2024.1.05	2024
Minchev, Z., Boyanov, L. Future of Smart Cities Security Challenges - Proactive Modelling & Identification, , (SCOPUS)	CEUR Workshop Proceedings, Vol. 3676, pp. 12 – 17, 2024 14th International Conference on Business Information Security, BISEC 2023, Nis 24 November 2023	2024
Boyanov L., Stoyanova T., Parushev D., Chatbots - new opportunities for digitalizing the learning processes in universities	5th International Conference on Artificial Intelligence in Education Technology (AIET 2024), 29-31.07.2024 Barcelona, Spain	2024
Tosheva E., Boyanov L., The digitalization of higher education with chatbots - new challenges"	10th International Scientific Conference – ERAZ 2024, ISCTE – University Institute of Lisbon, Portugal, 6 June 2024	2024