FORM NUM: 500.1.03

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Iosif
Name:	Elias
Rank/Position:	Assistant Professor
Faculty:	School of Business
Department:	Department of Digital Innovation
Scientific Domain: *	Blockchain, Computer Science

* Field of Specialization

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Doctor of Philosophy	2013	Technical University of Crete	Electronic and Computer Engineering	"Network-Based Distributional Semantic Models"
Master of Science	2007	Technical University of Crete	Electronic and Computer Engineering	"Unsupervised Induction of Semantic Classes Using Semantic Similarity Metrics"
Five-year Diploma	2005	Technical University of Crete	Electronic and Computer Engineering	"Automatic Derivation of Ontologies from Text"

Academic Staff Short Profile

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
Sep. 2019	Present	University of Nicosia	Cyprus	Assistant Professor
Dec. 2017	Aug. 2019	University of Nicosia	Cyprus	Senior researcher, instructor
Apr. 2017	Dec. 2017	Behavioral Signal Technologies	USA	Machine Learning Engineer

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Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	Integrating Machine Learning with Non-Fungible Tokens	Iosif, E. & Katelaris, L.	Computers	13	
2	2024	Application of artificial intelligence in pharmaceutical development	Mourelatou, E. A., Iosif, E., Galatou, E., Sarigiannis, Y., Vlasiou, M. C., Zacharia, L. & Petrou, C. C.	Novel Formulations and Future Trends: Recent and Future Trends in Pharmaceutics	3	415-451

| 3 | 2023 | ACADEMIC CERTIFICATES ISSUED ON BLOCKCHAIN: The case of the University of Nicosia and Block.co | Themistocleous, M., Christodoulou, K. & Iosif, E. | Supporting Higher Education 4.0 with Blockchain: Critical Analyses of Automation, Data, Digital Currency, and Other Disruptive Applications | - | 166-178 |
| 4 | 2022 | A Systematic Literature Review Toward a Blockchain Benchmarking Framework | Touloupou, M., Themistocleous, M., Iosif, E. & Christodoulou, K. | IEEE Access | 10 | 70630 - 70644 |

| 5 | 2022 | Benchmarking Blockchains: The case of XRP Ledger and Beyond | Touloupou, M., Christodoulou, K., Inglezakis, A., Iosif, E. & Themistocleous, M. | Proceedings of the 55th Annual Hawaii International Conference on System Sciences, HICSS 2022 | | 6005-6012 |

6	2022	Computation of Blockchain Readiness Under Partial Information	Iosif, E., Christodoulou, K. & Vlachos, A.	Information Systems - 18th European, Mediterranean, and Middle Eastern Conference, EMCIS 2021, Proceedings		87-101
7	2022	Identification of illicit blockchain transactions using hyperparameters auto-tuning	Zanardo, E., Domiziani, G. P., Iosif, E. & Christodoulou, K.	Principles and Practice of Blockchains		27-38
8	2022	SmartMinutes—A BlockchainBased Framework for Automated, Reliable, and Transparent Meeting Minutes Management	Sheikhi, A. S. H., Iosif, E., Basov, O. & Dionysiou, I.	Big Data and Cognitive Computing		

9	2021	Blockchain application in internet of vehicles: Challenges, contributions and current limitations	Kapassa, E., Themistocleous, M., Christodoulou, K. & Iosif, E.	Future Internet		

10	2020	Consensus crash testing: Exploring ripple's decentralization degree in adversarial environments	Christodoulou, K., Iosif, E., Inglezakis, A. & Themistocleous, M.	Future Internet	12

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	Mar. 2024 – present	Digital Twin-sustained 4D Ecological monitoring of restoration in fishery depleted areas (DIGI4ECO)	European Commission	Research team member
2	Nov. 2018 – Oct. 2021	"A Knowledge Alliance for Blockchain in Academic, Entrepreneurial and Investment Training" (DLT4ALL)	European Commission	Research team member
3	Dec. 2018 – Nov. 2021	"User-oriented, secure, trustful and decentralised social media" (EUNOMIA)	European Commission	Research team member
4	July 2019 – June 2021	"Pooling SME Adoption and Deployment of Blockchain and Other DLTs"	European Commission	Research team member
5	July 2019 - present	"University Blockchain Research Initiative"	Ripple (industry)	Research team member
6	Jan. 2016 – Mar. 2017	BabyRobot: Child-Robot Communication and Collaboration	European Commission	Research team member

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Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. **List the five (5) more recent (Optional Entry)**				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
1	Dec. 2021- present	University of Nicosia	Associate head of the Department of Digital Innovation	Various
2	Nov. 2020-May 2021	University of Nicosia	Decentralized Learning Series	Responsible for the topics, content and structure
3	2020-2021	"Future Internet" journal	Special Issue "The Next Blockchain Wave Current Challenges and Future Prospects"	Guest editor
4	Nov. 2020	17th European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS)	Member of conference organizing committees	Coordination of paper reviews, paper reviews
5	Dec. 2019	16th European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS)	Member of conference organizing committees	Coordination of paper reviews, paper reviews

*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researche

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Awarded by:
1	2020	Best technical system award (Topic: Raft consensus algorithm)	17th European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS)
2	2016	Best technical system award (Topic: Sentiment Analysis in Twitter)	SemEval 2016 conference