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Joel Silveirinha



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Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitário de Lisboa Escola de Tecnologias e Arquitectura	PhD	Ciências e Tecnologias da Informação	2025
International Institute for Astronautical Sciences	Advanced Studies	POSSUM Scientist Astronaut	2022
Harvard University John F Kennedy School of Government	Advanced Studies	Public Policy	2020
IE Business School	M.Sc.	Master In Business Administration	2018
Instituto Superior de Ciências do Trabalho e da Empresa	Post-graduation	Economia	2009
ISEG Lisbon School of Economics and Management	Licentiate	Economia	2008

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
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2025/2026	1º	Cybersecurity and Blockchain	Master Degree in Digital Technologies for Business;	No
2024/2025	1º	Cybersecurity and Blockchain	Master Degree in Digital Technologies for Business;	No
2024/2025	1º	Blockchain Applications	Specialization Seminar in Blockchain Applications;	No
2023/2024	2º	Blockchain	Institutional Degree in Escola de Tecnologias e Arquitetura;	No
2023/2024	1º	Cybersecurity and Blockchain	Master Degree in Digital Technologies for Business;	No

Supervisions

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Simão Barroso Melo	Blockchain e Sustentabilidade: Implementação de uma Plataforma de Rastreabilidade de Matérias-Primas	--	Developing	Iscte
2	Juan Diego Palacios Vélez	Tokenized Corporate Bonds: A Blockchain-Based Approach to Alternative Financing for Small Enterprises – A Case Study of ProAgua	--	Developing	Iscte

• M.Sc. Final Projects

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Inês Margarida dos Santos Casimiro	A Governed Architecture for the Privacy-Preserving Use of Clinical Outcome Data: Unlocking Hospital Knowledge Through Blockchain and AI	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Ricardo André Ferreira Gonçalves	Blockchain applied to donation traceability?	English	Iscte	2024
2	Carlos Alberto Valente Tomaz	Applicability of blockchain in preserving the chain of custody of digital evidence	English	Iscte	2024

3	Nuno Miguel Barranha Rodrigues dos Santos	Multiparty trust in evidence management: ensuring tamper-proof chain of custody with blockchain	English	Iscte	2024
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Total Citations

Web of Science®	1
Scopus	16

Publications

• Scientific Journals

- Scientific journal paper

1	<p>Silveirinha, J. C., Bhandari, M., Ferreira, J. C. & Martins, A. L. (N/A). Enhancing maritime supply chain security and efficiency: A review of Zero-Knowledge Proofs in blockchain applications. <i>Maritime Policy & Management</i>. N/A</p> <p>- Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 4</p>
2	<p>Curado, J., Bhandari, M., Ferreira, J. C. & Martins, A. L. (2025). Blockchain for maritime supply chain: Efficiency and security advancements. <i>IEEE Access</i>. 13, 201527-201544</p> <p>- Times Cited Google Scholar: 2</p>

• Books and Book Chapters

- Book chapter

1	<p>Nuno Santos, Silveirinha, J. & Joao C. Ferreira (2025). Multiparty Trust Levels in Evidence Management: Ensuring Tamper-Proof Chain of Custody in Blockchain. In</p> <p>- Times Cited Google Scholar: 1</p>
2	<p>Antonio Pesqueira, Jenny Fitzgerald, Patrick A. Kurman, Samuel Darío Gáfaró Jaimes, Silveirinha, J. & Silvana Gianico (2025). Balancing Ethical, Data Privacy, and Security Dimensions in Blockchain-Based Healthcare Governance. In <i>Aligning With ESG Principles</i>.</p> <p>- Times Cited Scopus: 2</p>
3	<p>Nuno Santos, Silveirinha, J. & Joao C. Ferreira (2025). Blockchain's Potential in International Criminal Justice: A Blue Ocean Analysis and Literature Review. In</p>

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	<p>Cordeiro, M., Basto-Fernandes, V., Silveirinha, J. & Ferreira, J. (2025). Enhancing agriculture products traceability towards sustainability. In Anu Bajaj, Pooja Manghirmalani Mishra, Ajith Abraham, Cengiz Kahraman (Ed.), Hybrid intelligent systems: 23rd International Conference on Hybrid Intelligent Systems (HIS 2023), Conference proceedings. (pp. 476-486). Vilnius: Springer.</p> <p>- Times Cited Google Scholar: 6</p>
2	<p>M. Yannuzzi, R. Irons-Mclean, F. van Lingen, S. Raghav, A. Somaraju, C. Byers...S. Alonso (2017). Toward a converged OpenFog and ETSI MANO architecture. In 2017 IEEE Fog World Congress (FWC). (pp. 1-6). Santa Clara, CA: IEEE.</p> <p>- Times Cited Scopus: 12</p> <p>- Times Cited Google Scholar: 19</p>