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Curriculum

Rodrigo Simões is currently a PhD student at Iscte-IUL and a Research Assistant at ISTAR-IUL. He is an invited assistant professor at Iscte-IUL, teaching the Programming and Big Data Processing courses in the Data Science Degree program. The research plan for his PhD consists of applying software language engineering to urban management/smart city platforms. He is a fellow of the EUROSTIT project, where he will develop a chatbot for consulting information from the RESETTING Smart Tourism Tools and Initiatives observatory. He was a fellow of the European RESETTING project for the digital transformation of tourism. Data visualization was the topic of his master's thesis, focusing on the development of a digital platform for visualizing geo-temporal crowding data, with the aim of helping small and medium-sized enterprises (SMEs) in the tourism sector to mitigate the effects of overtourism. In addition, the platform can be used by municipal authorities for smart city management. Outside of academia, he worked in the software industry for over 3 years as a programmer, contributing to the development and maintenance of several applications for the Agência para a Modernização Administrativa (AMA).

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitário de Lisboa	PhD	Ciências e Tecnologias da Informação	2028

ISCTE-Instituto Universitário de Lisboa	M.Sc.	Engenharia Informática	2024
Universidade Nova de Lisboa	Licenciate	Engenharia Informática	2018

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2025/2026	2º	Big Data Processing		No
2025/2026	1º	Programming	Bachelor Degree in Data Science (PL);	No
2024/2025	2º	Big Data Processing	Bachelor Degree in Data Science (PL);	No
2024/2025	2º	Big Data Processing	Bachelor Degree in Data Science (PL);	No
2024/2025	1º	Programming	Bachelor Degree in Data Science;	No
2024/2025	1º	Programming	Bachelor Degree in Data Science;	No

Total Citations

Web of Science®	0
Scopus	1

Publications

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Sampaio de Almeida, D., Simões, R., Brito e Abreu, F., Lopes, A. & Inês Boavida-Portugal (2025). A Carrying Capacity Calculator for Pedestrians Using OpenStreetMap Data: Application to Urban Tourism and Public Spaces. In Lyndon Nixon; Aarni Tuomi; Peter O'Connor (Ed.), Proceedings of ENTER 2025 International eTourism Conference. (pp. 79-90). Wroclaw: Springer. - Times Cited Google Scholar: 5
2	Brito e Abreu, F., Marinheiro, R. N., Boavida-Portugal, I., Lopes, A., Santos, T., Sampaio de Almeida, D....Simões, R. (2024). A digital transformation approach to scaffold tourism crowding management: Pre-factum, on-factum, and post-factum. In Proceedings - 2024 Joint International Conference on Digital Arts, Media and Technology with ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering, ECTI DAMT and NCON 2024. (pp. 586-591). Chiang-mai, Thailand: IEEE. - Times Cited Scopus: 1 - Times Cited Google Scholar: 3

- Talk

1	Sampaio de Almeida, D., Simões, R., Brito e Abreu, F., Lopes, A. & Boavida-Portugal, I. (2024). An online tool to calculate the tourism carrying capacity. 2nd International Posters & Demos Workshop on Smart Tourism.
2	Simões, R., Brito e Abreu, F. & Lopes, A. (2024). Geo-temporal crowding visualization platform. 2nd International Posters & Demos Workshop on Smart Tourism.
3	Simões, R., Brito e Abreu, F. & Lopes, A. (2023). Plataforma para visualização geo-temporal de apinhamento turístico. XIV Congresso da Geografia Portuguesa. - Times Cited Google Scholar: 1

• Other Publications

- Master's Dissertation

1	Simões, R. (2024). A spatiotemporal crowding visualization platform.