INSTITUTO UNIVERSITÁRIO DE LISBOA

Ciência_Iscte

Public Profile

Warning: [2026-11-02 16:49] this document is a print-out of the Ciência-iul web portal and was automatically generated at the labeled date. The document has a mere informational purpose and represents the information contained on Ciência_Iscte at that date.

Otávio Napoli

Research Assistant
ISTAR-Iscte - Information Sciences, Technologies and Architecture Research Centre

Contacts

E-mail	Otavio_Oliveira_Napoli@iscte-iul.pt
Office	D0.10

Academic Qualifications

University/Institution	Type	Degree	Period
UNICAMP	PhD	Ciências da Computação	2024
UNICAMP	M.Sc.	Ciências da Computação	2019
Universidade Tecnológica Federal do Paraná	Bachelor of Science	Ciências da Computação	2015

Total Citations

Web of Science®	30
Scopus	42

Publications

• Scientific Journals

- Scientific journal paper

1	Napoli, O. , Duarte, D. , Alves, P. , Soto, D. H. P. , de Oliveira, H. E. , Rocha, A. ...Borin, E. (2024). A benchmark for domain adaptation and generalization in smartphone-based human activity recognition. Scientific Data, 11(1). https://doi.org/10.1038/s41597-024-03951-4 - Times Cited Web of Science®: 25 - Times Cited Scopus: 34
2	Napoli, O. O., Almeida, A. M. de., Borin, E. & Breternitz Jr., M. (2024). Memory-efficient DRASiW models. Neurocomputing, 610. https://doi.org/10.1016/j.neucom.2024.128443 - Times Cited Web of Science®: 1 - Times Cited Scopus: 2 - Times Cited Google Scholar: 2
3	Martins do Rosário, V. , Silva, A. F. Da, Camacho, T. A. S., Breternitz, M., Borin, E. & napoli, O. O. (2021). Smart selection of optimizations in dynamic compilers. Concurrency and Computation: Practice and Experience, 33(18). https://doi.org/10.1002/cpe.6089 - Times Cited Web of Science®: 4 - Times Cited Scopus: 4 - Times Cited Google Scholar: 4

• Books and Book Chapters

- Book chapter

1	e.borin & napoli, O. O. (2023). Deploying and Configuring Infrastructure. In Edson Borin; Lúcia Maria A. Drummond; Jean-Luc Gaudiot; Alba Melo; Maicon Melo Alves; Philippe Olivier Alexandre Navaux; (Ed.), High Performance Computing in Clouds (pp. 55?74). Springer International Publishing. https://doi.org/10.1007/978-3-031-29769-4_4
2	napoli, O. O., Rafael K. Tesser, Daniel L. Fonseca & e.borin (2023). Cost Effective Deep Learning on the Cloud. In Edson Borin; Lúcia Maria A. Drummond; Jean-Luc Gaudiot; Alba Melo; Maicon Melo Alves; Philippe Olivier Alexandre Navaux; (Ed.), High Performance Computing in Clouds (pp. 283?307). Springer International Publishing. https://doi.org/10.1007/978-3-031-29769-4_14 - Times Cited Scopus: 1
3	napoli, O. O., Vanderson Martins do Rosario, Diego Freitas Aranha & e.borin Evaluation and Mitigation of Timing Side-Channel Leakages on Multiple-Target Dynamic Binary Translators. (pp. 152?167). https://doi.org/10.1007/978-3-030-41050-6_10

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Polido, S., Napoli, O., Breternitz Jr, M & Almeida, A. de (2024). Challenges in federated learning trained anomaly detection applied to hospital data without a baseline. Proceedings 22nd IEEE Mediterranean Electrotechnical Conference (MELECON) (pp. 1230?1235). IEEE. https://doi.org/10.1109/MELECON56669.2024

2	Napoli, O. O., Almeida, A. M. de., Dias, J. M. S., Rosário, L. B., Borin, E. & Breternitz Jr, M. (2023). Efficient knowledge aggregation methods for weightless neural networks. Proceedings of the 31th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN 2023) (pp. 369?374). ESANN. https://doi.org/10.14428/esann/2023.ES2023-123 - Times Cited Scopus: 1 - Times Cited Google Scholar: 3

- Talk

1	Napoli, O. O., de Almeida, A., Dias, J., Luís Brás Rosário, E.Borin & M.Breternitz (2023). Efficient Knowledge Aggregation Methods for Weightless Neural Networks. ESANN 2023 European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning,.

• Other Publications

- Other publications

1	de Almeida, A., M.Breternitz, napoli, O. O., Dias, J. & Luís Brás Rosário (2023). An intelligent systems approach for early illness symptoms detection: AIM (your) Health. 1a Conferência de Saúde Societal,.
2	de Almeida, A., M.Breternitz & napoli, O. O. (2022). An intelligent systems approach for early illness symptoms detection: AIM (your) Health. 1a Conferência de Saúde Societal,.

Research Projects

Project Title	Role in Project	Partners	Period
AI-based mobile applications for public health response	Researcher	ISTAR-Iscte (DLS), IT - (Portugal), AIDFM - (Portugal)	2021 - 2023

Awards

Honorable Mention at the XXII Symposium on High Performance Computing Systems (WSCAD-2021) (2021)

Best Paper award at the 1st Workshop on Cloud Computing (WCC 2021) held at the IEEE 33rd International Symposium on Computer Architecture and High Performance Computing (2021)