



George Stoica

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EDUCAȚIE ȘI FORMARE PROFESIONALĂ

10/2018 – 07/2021
LICENTA IN INFORMATICA Universitatea Alexandru Ioan Cuza, Facultatea de Informatica

10/2021 – 07/2023
MASTER IN INFORMATICA Universitatea Alexandru Ioan Cuza, Facultatea de Informatica

10/2023 – ÎN CURS
DOCTORAT IN INFORMATICA Universitatea Alexandru Ioan Cuza, Facultatea de Informatica

EXPERIENȚA PROFESIONALĂ

SOFTWARE ENGINEER – PROFIDATA – 07/2021 – 03/2023

DATA SCIENTIST – SENTICLAB – 04/2023 – 10/2024

MACHINE LEARNING ENGINEER – BITDEFENDER – 11/2024 – 06/2025

TECHNICAL LEAD - MACHINE LEARNING – BITDEFENDER – 06/2025 – 05/2026

ASISTENT UNIVERSITAR ASOCIAT – UNIVERSITATEA ALEXANDRU IOAN CUZA, FACULTATEA DE INFORMATICA – 2023 – În curs

- Laboratoare la urmatoarele materii:
- Capitoare speciale de Retele Neuronale
 - Retele Neuronale
 - Baze de date
 - Grafica pe Calculator si Geometrie Computationala

COMPETENȚE LINGVISTICE

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Producerea de mesaje orale	Conversație	
ENGLEZĂ	C1	C2	C1	C1	C1

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

PUBLICAȚII

Backforward Propagation (Student Abstract)

Stoica, G. and Simionescu, C. 2024. Proceedings of the AAAI Conference on Artificial Intelligence. 37, 13 (Jul. 2024), 16338–16339. DOI:<https://doi.org/10.1609/aaai.v37i13.27029>.

Efficient Dynamic Batch Adaptation (Student Abstract)

Simionescu, C., & Stoica, G. (2023). In Proceedings of the AAAI Conference on Artificial Intelligence (Vol. 37, No. 13, pp. 16328-16329).

Appeal for Attention at SemEval-2023 Task 3: Data augmentation extension strategies for detection of online news persuasion techniques

Sergiu Amihaesei, Laura Cornei, and George Stoica. 2023. In Proceedings of the 17th International Workshop on Semantic Evaluation (SemEval-2023), pages 616–623, Toronto, Canada. Association for Computational Linguistics.

Analyzing Domain Shift When Using Additional Data for the MICCAI KiTS23 Challenge

Stoica, G., Breaban, M., Barbu, V. (2024). In: Heller, N., et al. Kidney and Kidney Tumor Segmentation. KiTS 2023. Lecture Notes in Computer Science, vol 14540. Springer, Cham. https://doi.org/10.1007/978-3-031-54806-2_4

Automatic diagnosis of liver masses in Computed Tomography scans

Radu-Andrei Roșu, Doru-Răzvan Panaite, Roxana Mihaela Balcan, George Stoica, Vlad Barbu, Șerban-Gabriel Doncean, Emanuel Gavriluc, Mihaela Elena Breabăn, Procedia Computer Science, Volume 246, 2024, Pages 2831-2840, ISSN 1877-0509

Advanced methods for dealing with high data imbalance for Embryo Fertility Classification

Doru-Răzvan Panaite, Vlad Barbu, Radu-Andrei Rosu, George Stoica, Șerban-Gabriel Doncean, Mihaela Elena Breabăn, Procedia Computer Science, Volume 246, 2024, Pages 82-90, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2024.09.230>.

bs-scheduler: A Batch Size Scheduler library compatible with PyTorch DataLoaders

George Stoica, Mihaela Elena Breabăn, SoftwareX, Volume 30, 2025, 102162, ISSN 2352-7110, <https://doi.org/10.1016/j.softx.2025.102162>

Increasing the Training Speed with Batch Size Schedulers

S. George, 2025 27th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2025, pp. 540-547, doi: 10.1109/SYNASC69064.2025.00078.

Evolving Boolean Rule-Based Classifiers for Fraud Detection via Genetic Programming

R. -G. Albert, G. Stoica and M. E. Breabăn, 2025 27th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), Timisoara, Romania, 2025, pp. 524-531, doi: 10.1109/SYNASC69064.2025.00076