Memoriu de activitate academică

Doctorand: CIPRIAN-MIHAI CEAUȘESCU

Universitatea din București
Școala Doctorală de Informatică

Date biografice:

- Nume complet: Ciprian-Mihai Ceaușescu
- Data nașterii: 19.01.1994
- Stare civilă: căsătorit
- Naționalitate: română
- Cetățenie: română

Studii:

- Universitatea din București: Doctorat, Școala Doctorală de Informatică (2020 - prezent), CROSS-DOMAIN LEARNING FOR ROBUST MEDICAL IMAGE SEGMENTATION
- Universitatea din București: Master în Inginerie Software (2017-2019)
- Universitatea din București: Licență în Tehnologia Informației (2013-2017)
- Liceul Teoretic "Dan Barbilian", Câmpulung-Muscel: Studii liceale (2009-2013)

Activitate didactică:

- februarie 2023-prezent: Asistent drd. Facultatea de Matematică Informatică, Universitatea din București:
  - Programarea Algoritmilor: laboratoare de programare Python, tehnici de programare, algoritmică;
  - Învățare Automată: algoritmi de învățare automată și deep learning;
  - Metode de Dezolvare Software: laboratoare și seminarii de MDS (MVC, ORMs, limbaje de programare Python, C#, Java, PHP).

Lucrări de conferință

1. *Ciprian-Mihai Ceausescu* and Bogdan Alexe. **Cerebral Metastases Segmentation using Transfer Gliomas Learning and GrabCut**. In *Proceedings of the 2022 24th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC)*, pages 342–346, 2022. DOI: https://doi.org/10.1109/SYNASC57785.2022.00062. Rank D.

2. *Ciprian-Mihai Ceausescu*, Bogdan Alexe, and Riccardo Volpi. **Coreset Based Medical Image Anomaly Detection and Segmentation**. In *Proceedings of the 19th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications, VISAPP (VISIGRAPP, Volume 4)*, pages 549–558, 2024. SciTePress, INSTICC. DOI: https://doi.org/10.5220/0012395900003660. Rank C.

3. Alexandru Valentin Patrascu, *Ciprian-Mihai Ceausescu*, and Bogdan Alexe. **From Semantic Segmentation of Natural Images to Medical Image Segmentation Using ViT-Based Architectures**. In Andrea Torsello, Luca Rossi, Luca Cosmo, and Giorgia Minello (eds.), *Structural, Syntactic, and Statistical Pattern Recognition*, pages 112–121. Springer Nature Switzerland, 2025. ISBN: 978-3-031-80507-3. DOI: https://doi.org/10.1007/978-3-031-80507-3_12. Rank B.

4. *Ciprian-Mihai Ceausescu* and Bogdan Alexe. **Multi-Dataset Cross-Domain Knowledge Distillation for Medical Image Segmentation**. In *Procedia Computer Science*, volume 270, pages 3007–3016, 2025. (29th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, KES 2025). ISSN: 1877-0509. DOI: https://doi.org/10.1016/j.procs.2025.09.425. Rank B.

5. Gabriel-Sebastian Buta, *Ciprian-Mihai Ceausescu*, and Bogdan Alexe. **Map Generation From Overlapping Microscopy Images Using Stitching Methods**. In *Proceedings of the 2025 IEEE 37th International Conference on Tools with Artificial Intelligence (ICTAI)*, pages 526–535, 2025. DOI: https://doi.org/10.1109/ICTAI66417.2025.00078. Rank B.

6. Ioan-Tudor-Alexandru Anghel, *Ciprian-Mihai Ceausescu*, Elena Dana Nedelcu, Elena Raluca Stirban, Camelia Croitoru, Despina Ungureanu, Ana Maria Palan, and Gabriela Pop. **A Unified Framework for the Detection and Classification of Fatty Pancreas in Ultrasound Images**. Accepted at *ICSOFT 2026*, 2026. DOI: https://arxiv.org/abs/2605.07466. Rank C. Awards: Shortlisted for Best Paper Award and First place at Scientific Communications Session @ FMI, UB.

7. *Ciprian-Mihai Ceausescu*. **Which Features Matter? Distilling Continual Patch Memory Banks into Robust Medical Classifiers**. Accepted at 30th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2026), 2026. Rank B.

8. *Ciprian-Mihai Ceausescu*. **Explainable Cross-Dataset Retrieval of Colon-oscopy Polyp Images Using Medical Foundation Models**. Accepted at 30th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2026), 2026. Rank B.

9. Marius-Stefan Dinca, *Ciprian-Mihai Ceausescu*. **A Dual-Task Residual U-Net for Multi-Dataset Brain Tumor Segmentation in MRI**. Accepted at 30th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2026), 2026. Rank B.

10. Bogdan-Marius Dinu, *Ciprian-Mihai Ceausescu*, Cristian-Hacic Kevorchian. **Beyond Arithmetic: The Semantic Bottleneck in Neuro-Symbolic LLMs**. Accepted at 30th International Conference on Knowledge-Based and Intelligent Information & Engineering Systems (KES 2026), 2026. Rank B.

11. Bogdan Alexandru Bercean, Florinel Alin Croitoru, Vlad Hondru, *Ciprian Mihai Ceausescu*, Andreea Iuliana Ionescu, and Radu Tudor Ionescu. **MTL-MAD: Multi-Task Learners are Effective Medical Anomaly Detectors**. Submitted to *Advances in Neural Information Processing Systems (NeurIPS)*, 2026. Rank A*.

Reviste

12. *Ciprian-Mihai Ceausescu*. **Content-Based Image Retrieval in Histopathology and Gastrointestinal Endoscopy: A Comparative Study of Deep Models**. In *Journal: Advances in Artificial Intelligence and Machine Learning*, January 2026. DOI: `https://doi.org/10.54364/AAIML.2026.62301`. Rank C.

13. *Ciprian-Mihai Ceausescu*, Ion-Marian Anghelina, and Dumitru-Bogdan Alexe. **Multi-Dataset Cross-Domain Knowledge Distillation for Unified Medical Image Segmentation, Classification, and Detection**. Submitted to *Journal: Machine Learning with Applications*, major revision, 2026. Rank B. Award: First place at Scientific Communications Session @ FMI, UB

Doctorand,

Ciprian-Mihai Ceaușescu

