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Education

- 2024 **Ph.D. in Machine Learning**, *KU Leuven*, Belgium, [[PhD Thesis](#)]
 - Researcher at [VISICS](#) lab (ESAT-PSI) supervised by [Prof. Tuytelaars](#) & [Prof. Moens](#)
 - Machine Learning technical lead for industry projects with [FlandersMake](#)
 - Intuitively Instructable Autonomous Guided Forklift [[Video](#)]
 - Autonomous Counting of Objects in a Warehouse
- 2019 **Master of Artificial Intelligence**, *KU Leuven*, Belgium
 - Graduated with distinction (Cum Laude)
 - Co-curricularly achieved > 5k [Stack Overflow](#) reputation (top 7% overall)
- 2017 **Bachelor in Computer Science and Engineering**, *FINKI*, Macedonia

Relevant Working Experience

- June 2024– **Research Associate**, [VISICS Lab](#), *KU Leuven*, Belgium
 - Present ○ Enabling Large Language Models to understand multimodal data: e.g., images, videos, audio.
- Nov. 2023– **Machine Learning Research Consultant**, [NEC Labs](#); [Human-Centric AI group](#), Remote
 - Present ○ Improving the explainability and interpretability of Large Language Models
- Oct. 2022– **Machine Learning Research Intern**, [NEC Labs](#), Heidelberg, Germany
- Feb. 2023 ○ Developed benchmark dataset & state-of-the-art method for grounding text to knowledge graphs
 - Published at EMNLP 2023; see publications
- Nov. 2018– **Machine Learning Research Intern**, [IBM Research](#), Zurich, Switzerland
- Mar. 2019 ○ Predicting chronic kidney failure 12 months upfront in HIV-diseased patients
 - Published at the Journal of Infectious Diseases (h-index 276 [[Link](#)])
- Jun. 2018– **Machine Learning Engineering Intern**, [Luminovo](#), Munich, Germany
- Oct. 2018 ○ Deep Learning pipelines for nudity detection: filtering explicit movie scenes

Research Experience: Selected Publications

- 2024 **LaSCal: Label-Shift Calibration without target labels**, [[Paper](#)] (private link)
 - Under review at NeurIPS 2024; scores Accept (7), Weak Accept (6), Weak Accept (6)
- 2023 **Linking Surface Facts to Large-Scale Knowledge Graphs**, [[Paper](#)] [[Code](#)]
 - Empirical Methods in Natural Language Processing (**EMNLP**); ~23.3% acceptance rate
- 2023 **Multimodal Distillation for Egocentric Action Recognition**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - International Conference on Computer Vision (**ICCV**); ~26.2% acceptance rate
 - Spotlight presentation – **Ego4D** workshop (within **ECCV**) [[Paper](#)]
- 2022 **Multimodal AI approach for Intuitively Instructable Autonomous Vehicles**, [[Paper](#)]
 - Best paper award – International Conference on Autonomic & Autonomous Systems (**ICAS**)
- 2021 **Revisiting Spatio-Temporal Layouts for Compositional Action Recognition**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - Oral presentation – British Machine Vision Conference (**BMVC**); ~3.5% of all papers
- 2021 **Individual Prediction of Chronic Kidney Disease in People Living With HIV**, [[Paper](#)]
 - The Journal of Infectious Diseases (h-index: 276 [[Link](#)])
- 2020 **Decoding Language Spatial Relations to 2D Spatial Arrangements**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - Findings of EMNLP; ~37% acceptance rate
- 2020 **Learning to Ground Medical Text in a 3D Human Atlas**, [[Paper](#)] [[Code](#)]
 - Conference on Computational Natural Language Learning (**CoNLL**); ~23% acceptance rate