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Education

- Oct. 2019– **PhD in Machine Learning**, *KU Leuven*, Belgium
Present [VISICS lab](#) within ESAT-PSI supervised by [Prof. Tinne Tuytelaars](#) & [Prof. Marie-Francine Moens](#)
 - Multimodal Machine Learning master theses supervisor – “Image Captioning with Reinforcement Learning”
 - Computer Vision projects teaching assistant – “Social distancing & mask wearing monitoring system”
 - Seminars organizer at [VISICS-PSI](#) – internal & external speakers present their research
- 2019 **Master of Artificial Intelligence**, *KU Leuven*, Belgium
 - Graduated with distinction (Cum Laude); Master thesis: Cross-modal text-image retrieval [[Code](#)]
 - Co-curricularly achieved > 5k [Stack Overflow](#) reputation (top 7% overall)
- 2017 **Bachelor in Computer Science and Engineering**, *FINKI*, Macedonia

Relevant Working Experience

- Nov. 2023– **Machine Learning Research Consultant**, [NEC Labs](#), Remote
Present
 - Consulting on Large Language Models (LLM)-related projects at the [Human-Centric AI group](#)
- Oct. 2022– **Machine Learning Research Intern**, [NEC Labs](#), Heidelberg, Germany
- Feb. 2023
 - Developed benchmark dataset & state-of-the-art models 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 261 [[Link](#)]); see publications
- Jun. 2018– **Machine Learning Engineering Intern**, [Luminovo](#), Munich, Germany
- Oct. 2018
 - Nudity detection with Deep Learning – filtering explicit movie scenes
 - Tools for automating Deep Learning workflows – launching & monitoring experiments

Selected First-Author Publications

- 2023 **Estimating Calibration Error Under Label Shift Without Labels**, [[Paper](#)]
 - Under review.
- 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
- 2022 **Students Taught by Multimodal Teachers are Superior Action Recognizers**, [[Paper](#)]
 - [Spotlight presentation](#) – [Ego4D](#) workshop (within ECCV)
- 2022 **Multimodal AI approach for Intuitively Instructable Autonomous Vehicles**, [[Paper](#)] [[Video](#)]
 - [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 of 261 [[Link](#)])
- 2020 **Decoding Language Spatial Relations to 2D Spatial Arrangements**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - [Findings of EMNLP](#); ~20% 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