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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](#)
- Supervisor for Multimodal Machine Learning Master Theses – “Image Captioning with Reinforcement Learning”
 - Teaching assistant for Computer Vision projects – “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
 - Contributing to various NLP research projects in the [Human-Centric AI group](#)
- Oct. 2022– **Machine Learning Research Intern**, *NEC Labs*, Heidelberg, Germany
- Feb. 2023
 - Build a benchmark dataset & baseline 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](#)]
 - Published – Empirical Methods in Natural Language Processing (**EMNLP**); ~23.3% acceptance rate
- 2023 **Multimodal Distillation for Egocentric Action Recognition**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - Published – 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 Vehicle**, [[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](#)]
 - Published – **The Journal of Infectious Diseases** (h-index of 261 [[Link](#)])
- 2020 **Decoding Language Spatial Relations to 2D Spatial Arrangements**, [[Paper](#)] [[Code](#)] [[Video](#)]
 - Published – **Findings of EMNLP**; ~20% acceptance rate;
- 2020 **Learning to Ground Medical Text in a 3D Human Atlas**, [[Paper](#)] [[Code](#)]
 - Published – **CoNLL**; ~23% acceptance rate