Gorjan Radevski

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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– Present **Research Associate**, *VISICS Lab*, KU Leuven, Belgium
- Enabling Large Language Models to understand multimodal data: e.g., images, videos, audio.

Nov. 2023– Present **Machine Learning Research Consultant**, *NEC Labs; Human-Centric AI group*, Remote
- Improving the explainability and interpretability of Large Language Models

Oct. 2022– Feb. 2023 **Machine Learning Research Intern**, *NEC Labs*, Heidelberg, Germany
- Developed benchmark dataset & state-of-the-art method for grounding text to knowledge graphs
- Publications: [EMNLP 2023 Research Paper]; [Patent application]

Nov. 2018– Mar. 2019 **Machine Learning Research Intern**, *IBM Research*, Zurich, Switzerland
- Predicting chronic kidney failure 12 months upfront in HIV-diseased patients
- Published at the Journal of Infectious Diseases (h-index 276 [Link])

Jun. 2018– Oct. 2018 **Machine Learning Engineering Intern**, *Luminovo*, Munich, Germany
- Deep Learning pipelines for nudity detection: filtering explicit movie scenes

Research Experience: Selected Publications

2024 **LaSCal: Label-Shift Calibration without target labels**, [Paper] [Code]
- Neural Information Processing Systems **NeurIPS**; 25.8% acceptance rate

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**; 37.3% acceptance rate

2020 **Learning to Ground Medical Text in a 3D Human Atlas**, [Paper] [Code]
- Conference on Computational Natural Language Learning **(CoNLL)**; 23.5% acceptance rate