

PhD in Deep Learning with expertise in Computer Vision, Self-Supervised Learning, and Generative AI. 4 patents and 10+ top-tier publications. Proven track record in applying vision models to industrial challenges. Looking for impactful roles in industrial AI research.

Experience

- 2023 - Now **Deep Learning Researcher** - Agendia, Netherlands
Working on AI models for histopathology.
- 2022 - 2023 **Postdoctoral Researcher** - TU Eindhoven, Netherlands
Proposed self-supervised learning methods that can improve continuously.
- 2020 - 2021 **Research Scientist Intern** - Huawei, Finland
Proposed novel methods for interactive visual image search.
- 2017 - 2022 **Graduate Research Assistant** - Qualcomm (QUVA) Labs, Netherlands
Proposed methods for visual action and object detection.
- 2013 - 2016 **Graduate Research Assistant** - Hacettepe University, Turkey
Built vision-language foundation models for image captioning.

Education

- 2017 - 2022 **PhD in Deep Learning** - University of Amsterdam, Netherlands
Thesis: *Contextual Understanding of Visual Interactions*
- 2013 - 2016 **MSc in Computer Vision** - Hacettepe University, Turkey
Thesis: *Visual Importance with Applications to Vision and Language*

Papers

10+ top-tier conference papers. Selected:

1. HyTAS: A Transformer Architecture Search Benchmark (**ECCV** 2024)
2. Locality-Aware ViTs for Hyperspectral Imaging (**BMVC** 2023)
3. Are Labels Needed for Incremental Instance Learning? (**CVPRW** 2023, *Oral*)
4. Structured Visual Search via Composition-aware Learning (**WACV** 2021)
5. Human-object Interaction Detection via Weak Supervision (**BMVC** 2021)
6. Re-evaluating Automatic Metrics for Image Captioning (**EACL** 2017, *Oral*)

Patents

4 US patents in various AI technologies:

1. Visual Search via Conversational Interaction (**Huawei**, 2022)
2. Network For Interacted Object Localization (**Qualcomm**, 2021)
3. Context-driven Learning of Human-object Interactions (**Qualcomm**, 2020)
4. Subject-object Interaction Recognition Model (**Qualcomm**, 2019)

Technical Skills

- Platforms** PyTorch, TensorFlow, HuggingFace, OpenCV
- Tools** Scikit-Learn, Pandas, NumPy, SciPy
- Languages** Python, C/C++ (familiar)

Miscellaneous

- Reviewer** CVPR (25), ECCV (24), EMNLP (21, 22, 23), ICML (23, 24), NeurIPS (23, 24), ICLR (23, 24).
- Awards** Best Reviewer Award (ECCV, 2024)