Oskar Kristoffersen

🌐 Personal Website | 📧 ofhkr@dtu.dk | 🎓 Google Scholar | in oskar-kristoffersen | ⌨ Oshkr

I am a PhD researcher at the Visual Computing section at the Technical University of Denmark (DTU). My research interests are in **geo-spatial understanding**, where I primarily work on **multimodal learning**, **geo-localization**, and **crowd understanding**. I build new **open-source datasets** to explore novel research directions.

Education

Ph.D. – Technical University of Denmark   *Jan 2025 – present*
Ph.D. Student in Computer Vision, supervised by Prof. Anders B. Dahl, Associate Prof. Morten R. Hannemose and Prof. John P. M. Boncori.
- Subject: "Crowd Counting with Computer Vision and Remote Sensing"
- Teaching Assistant in "Advanced Deep Learning in Computer Vision"

M.Sc. – Technical University of Denmark   *Feb 2022 – Jul 2024*
Mathematical Modelling and Computation
- Master Thesis: "Multi-Modal Deep Learning for Image Geo-localization"

B.Sc. – Technical University of Denmark   *Sept 2018 – Dec 2021*
General Engineering - Advanced Materials

Work Experience

DTU Compute, Research Assistant – Copenhagen, Denmark   *Oct 2024 – Dec 2024*
- Research on Instance level recognition in Remote Sensing and Graph Neural Networks. Worked on MMLandmarks: a Cross-View Instance-Level Benchmark for Geo-Spatial Understanding

DTU Compute, Student Programmer, – Copenhagen, Denmark   *Sept 2019 – Feb 2024*
- Worked on the development of the QIM3D Python library for quantitative 3D image analysis.
- Scanned and Annotated the BugNIST dataset (ECCV 2024).

Hi-Boox. Co-Founder – Copenhagen, Denmark   *Oct 2022 – Dec 2025*
- Founded Hi-Boox, a tutoring company designed to help students prepare for university exams.
- Taught university level Mathematics and Programming for a total of 600+ students.

GN Group, Student Assistant R&D – Ballerup, Denmark   *May 2021 – Jun 2022*
- Worked on statistical and life-cycle assessment of head aid products.

Publications

"MMLandmarks: a Cross-View Instance-Level Benchmark for Geo-Spatial Understanding"   Paper | Website
O. Kristoffersen, A. Reinders, M. Hannemose, A. Dahl, D. Papadopoulos
in *Computer Vision and Pattern Recognition (CVPR), 2026*

Skills

Programming: Python, Matlab, R-Studio, Bash, HTML, CSS, deep learning (PyTorch)

Languages: Danish (native), French (native), English (fluent), Spanish (intermediate)

Interests: I enjoy cooking and sharing dinners with family and friends. I like long walks in the city, working out, running, hiking, playing badminton and skiing.