

Jacob Nielsen

jacon18@student.sdu.dk
Odense Denmark
jacobbbitlabs.github.io

- EDUCATION** **M.sc Computer Science**
University of Southern Denmark (SDU) expected January 2024
Thesis Title: Object Detection and Tracking using fully CNN networks and Transformers
Supervisors: Aritra Dutta & Srijan Das
- Bc. Computer Science**
University of Southern Denmark (SDU) January 2022
Thesis Title: Microservice mission management module for linear infrastructure inspection
Supervisors: Peter Schneider-Kamp & Lea Matlekovic
- PREPRINTS** **Dual-View Drone Dataset: Can Multi-view Improve the Performance?**
Jacob Nielsen, Srijan Das, Mubarak Shah, Peter Schneider-Kamp, Aritra Dutta
- TEACHING** **Universtiy of Southern Denmark**
Teaching Assistant, Computer Vision (graduate course) Spring 2023
Responsible Professor: Aritra Dutta.
- WORK EXPERIENCE** **Worker Saling Group** Full Time, Aug. 2016 - Aug. 2017
Responsible for shift operations, customer advising and sales in electronics department and non-food.
- Freelance Drone Pilot** Part Time, May. 2017 - Aug. 2018
Aerial imagery capturing for clients. Risk management, radio-tower and police coordination.
- SKILLS** **Languages:** Danish(native), English
Computer Skills: Java, Python, C, C++20, Haskell, Erlang, SQL, Tensorflow, Keras, Pytorch, FastAPI, SQLAlchemy, PostgreSQL, PostGIS, L^AT_EX
- ADDITIONAL INFORMATION** *Drone Pilot:* Certified Drone Operator under EU law.