

Nils Lehmann

Personal

Email: nils.lehmann24@gmail.com

Github: <https://github.com/nilsleh>

Education

University of Amsterdam 09/2019 – (09/2022)

Candidate for Master of Science in Artificial Intelligence Amsterdam, NL

- Relevant Coursework: Machine Learning, Computer Vision, Deep Learning and Natural Language Processing
- Working Title Thesis: “Uncertainty quantification of deep learning-based remote sensing for biomass detection“ under supervision of David Dao and Prof. Erik Nalisnick

Rollins College 08/2015 – 05/2019

Bachelor of Arts in Mathematics and Economics, minor Computer Science Winter Park, US

- 3.93 GPA (Top 5%)
- William R. And Marcelyn L. Gordon Award 2019 for superior academic performance
- Rollins College Varsity Basketball Team, Division II Elite 8 2017

Kieler Gelehrtenschule 08/2006 – 06/2015

German, High School Diploma, Abitur, 1.5 Kiel, Germany

Projects

Toward Foundation Models for Earth Monitoring: Proposal for a Benchmark 04/2021 – 07/2021

Research Assistant Amsterdam, NL

- Supervisor Alexandre Lacoste
- Conduct large-scale experiments across neural network architectures and datasets
- Analyze and communicate research findings to team members

Torchego 11/2020 – Today

Contributor Amsterdam, NL

- Open-source PyTorch domain library providing functionalities for geospatial datasets and deep learning
- Top 5 Contributor
- Integrate new datasets from a variety of sources
- Contribute multi spectral band selection and visualization functionalities

Research Experience

University of Amsterdam 03/2021 – 07/2021

Research Assistant Amsterdam, NL

- Supervisor: Andreas Panteli
- Implemented full 3D cell tracking algorithm in cooperation with Netherlands Cancer Institute
- Training and evaluation of algorithm on LISA cluster computer

Social Engagement

DeSerling 01/2020 – Today

Sous Chef Amsterdam, NL

- Preparing 7 courses vegetarian/vegan food as a fine dining experience to finance local community kitchen to provide cheap meals for anyone