

# Curriculum vitae with track record (for researchers)

**Role in the project**   Project manager    Project participant

## Personal information

First name, Surname:	Jonas Nordhaug Myhre		
Date of birth:	13.11.1984	Sex:	Male
Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	0000-0001-9139-1454		
URL for personal website:			

## Education

Year	Faculty/department - University/institution - Country
2016 (dissertation defended)	PhD in Machine Learning. Dept. of Physics and Technology, UiT – The Arctic University of Norway
2011	M. Sc. in Machine Learning  Dept. of Physics and Technology, UiT – The Arctic University of Norway

## Positions - current and previous

*(Academic sector/research institutes/industrial sector/public sector/other)*

Year	Job title – Employer - Country
2021-	Senior research Scientist, NORCE
2019-2021	Researcher UiT Machine Learning Group
2016-2019	Postdoctoral research fellow, Department of Mathematics and statistics, UiT – The Arctic University of Norway.

## Project management experience

*(Academic sector/research institutes/industrial sector/public sector/other. Please list the most relevant.)*

Year	Project owner - Project - Role - Funder
2020-2021	Project owner – Personal grant - Facebook Research Award: Content Policy Research on Social Media Platforms

## Supervision of students

(Total number of students)

Master's students	Ph.D. students	University/institution - Country
3	1	UiT the Arctic University of Norway Department of Mathematics and Statistics and Department of Physics and Technology

### Other relevant professional experiences

(E.g. institutional responsibilities, organisation of scientific meetings, membership in academic societies, review boards, advisory boards, committees, major research or innovation collaborations, other commissions of trust in public or private sector)

Year	Description - Role
2020-2021	Publication chair for the proceedings of the Northern Lights Deep Learning workshop (nldl.org).

## Track record

19 peer reviewed papers.

Some selected relevant works:

Nordhaug Myhre, Jonas, et al. "In-silico evaluation of glucose regulation using policy gradient reinforcement learning for patients with type 1 diabetes mellitus." *Applied Sciences* 10.18 (2020): 6350.

Björk, Sara, Jonas Nordhaug Myhre, and Thomas Haugland Johansen. "Simpler is better: spectral regularization and up-sampling techniques for variational autoencoders." *ICASSP 2022-2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. IEEE, 2022.

Hernandez, Miguel Angel Tejedor, and Jonas Nordhaug Myhre. "Controlling Blood Glucose For Patients With Type 1 Diabetes Using Deep Reinforcement Learning—The Influence Of Changing The Reward Function." *Proceedings of the Northern Lights Deep Learning Workshop*. Vol. 1. 2020.

Myhre, Jonas Nordhaug. "Machine Learning using Principal Manifolds and Mode Seeking." (2016). PhD Thesis.