Nicklas **Hansen**

Github: **nicklashansen** | LinkedIn: **ncklas**

📱 (+45) 61 26 46 82 | ✉ hello@nicklashansen.com | 🏠 nicklashansen.com | 🎂 23 | 📍 Copenhagen, Denmark

Research interest

I am highly interested in research on the generalization and robustness of deep reinforcement learning agents, particularly in connection with self-supervision, transfer learning and optimization.
I strive to make artificial intelligence available to a broader audience through research and open source projects.

Education

University of California, Berkeley   *Berkeley, CA*
Visiting Graduate Student   *Spring 2020*
A semester devoted to special topics in deep learning and data-driven innovation.
Participant in Innovation Centre Denmark's SPARK program and recipient of the Spar Nord Foundation Scholarship.

Technical University of Denmark   *Kongens Lyngby, Denmark*
M.Sc. Mathematical Modelling & Computing GPA: 10.5 (-3 to 12)   *Feb 2019 -*
Largely focused on special topics in deep learning such as deep reinforcement learning, deep unsupervised learning,
optimization for deep learning and research on novel applications of deep learning.

Technical University of Denmark   *Kongens Lyngby, Denmark*
B.Sc. Software Engineering GPA: 8.2 (-3 to 12)   *Sep 2015 - Dec 2018*
Courses in computer science, statistics, machine learning, AI and project management.

Nanyang Technological University   *Singapore*
Exchange Student   *Fall 2017*
Courses in computer vision, cryptology and large-scale software engineering.

Professional experience

Technical University of Denmark   *Kongens Lyngby, Denmark*
Teaching Assistant   *Fall 2019*
02456 Deep Learning & 02454 Introduction to Cognitive Science
I taught 6 hours a week, developed course material, corrected assignments and supervised 50+ students' projects
on the topics of deep reinforcement learning and self-supervised learning.

Retune DSP   *Kongens Lyngby, Denmark*
Assistant Software Developer   *Feb 2019 - Dec 2019*
I help a team of engineers build and maintain deep learning pipelines for embedded voice control systems.

Raffle.ai   *Copenhagen, Denmark*
Machine Learning Intern   *Summer 2019*
I reimplemented the SyntaxSQLNet cross-domain text-to-SQL parser in PyTorch and improved its accuracy by 12%.
https://github.com/raffle-interns/SyntaxSQLNet

Nordic Transition   *Gentofte, Denmark*
Lead Software Developer   *Jul 2017 - Dec 2019*
I developed and maintained a GDPR-compliant data management and analysis platform for the HR industry.