

Thomas Moerland

Curriculum Vitae

Born: 1988, Amsterdam
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Current employment

2021 - 2024 **Postdoctoral Researcher**, Leiden University, The Netherlands.
Research: intelligent sequential decision-making, model-based reinforcement learning.
Teaching: involved in courses in AI bachelor and CS master's programme.

Educational degrees

2016 - 2020 **Doctor of Philosophy (PhD) Computer Science**, TU Delft, The Netherlands.
Title: The Intersection of Planning and Learning.
Supervision: Prof. Catholijn Jonker, Prof. Aske Plaat & Dr. Joost Broekens.

2011-2015 **Master of Science (M.Sc.) Mathematics**, Leiden University, The Netherlands.
GPA – 9.2 (summa cum laude)
Specialization: Machine learning
Master's thesis: Vision-based robotics, TU Delft.

2006-2014 **Medical Doctor (M.D.)**, Leiden University, The Netherlands.
GPA – 8.6
Artsexamen (clinical rotations) - cum laude.
Doctoraal (2-4th year) - cum laude.
Propedeuse (1st year) - cum laude.
Final rotation: Neurology, Diaconessenhuis Leiden (ward & outpatient department).

2000-2006 **Gymnasium**, Groene Hart Lyceum, Alphen aan den Rijn, The Netherlands.
GPA – 9.3
Finals of National Mathematical Olympics (2x).

Publications

Full details available from:
<https://scholar.google.com/citations?user=c54IheQAAAAJ>

Grants and awards

2018 **Qualcomm PhD Fellowship**, (40.000 USD).
2018 **NeurIPS best reviewer award**.

- 2017 **Jan Hemelrijk Award**, *Annual award for best Dutch master's thesis in Statistics*, issued by the Netherlands Society for Statistics and Operations Research (VvS+OR).
- 2009-2012 **Excellent student traject**, *Leiden University student research grant*.

Teaching

- 2022- Reinforcement learning course in AI bachelor, Leiden University.
- 2021- Continuous reinforcement learning in *Reinforcement learning*, Leiden University.
- 2020- Discrete Markov Decision Process in *Symbolic AI*, Leiden University.
- 2017- Master's thesis supervision
- 2017-2019 Deep Learning in *Computational Intelligence*, TU Delft.
- 2015-2016 Reinforcement Learning in *Artificial Intelligence Techniques*, TU Delft.

Organisation

- 2018 Organizer *Belgium-Netherlands Workshop on Reinforcement Learning (BeneRL)*.
- 2017 Organizer *Delft Workshop on Robot Learning (DWRL)*.

Community service

- 2017-current **Reviewer**, *Various venues, including NeurIPS, ICML, CORL, IROS, IJCAI, AAAI, CIG, ALA, NCAA, Adaptive behavior, ACII*.

Visits/exchanges

- 2018-2020 Guest researcher at Leiden Institute of Advanced Computer Science (LIACS), Leiden, The Netherlands.
- 2009 Exchange program at Siriraj Hospital, Bangkok, Thailand (2 months).
- 2007 Exchange program at Karolinska University, Stockholm, Sweden (4 months).

Miscellaneous

- 2015 Founder and owner of **robotcar.nl** - a do-it-yourself robotics start-up.

Personal interests

I am a great sports fan, in particular of football (played at sv ARC and sv LSVV'70). I am a (former) member of the Leiden student football (LSVV'70), rowing (Asopos de Vliet) and tennis (Qravel) associations.