Michiel van der Meer

Education

2017 – 2020	**Artificial Intelligence - Master**, *Universiteit van Amsterdam*, Amsterdam, *Cum laude*.
	Graduate School of Informatics - Member of Intelligent Robotics Lab. Courses include: *Machine Learning, Deep Learning, Reinforcement Learning, Natural Language Processing, Computer Vision 1 & 2, Information Retrieval 1 & 2, Probabilistic Robotics, High Performance Computing and Big Data, Data Mining Techniques.*
	Thesis: *Incentivizing Explainable Agents: Exploiting Diagnostic Classification for Learning Task compositionality*
2014 – 2017	**Kunstmatige Intelligentie - Bachelor**, *Universiteit van Amsterdam*, Amsterdam.
	Undergraduate.
	Thesis: *Performance Analysis of Spiking Neural Networks on Low-Powered Hardware*
2008 – 2014	**VWO - Gymnasium**, *Jan van Egmond Lyceum*, Purmerend.
	Secondary education, Economics and Society profile

Experience

2018–now	**AI developer**, *Millennials.ai*, Amsterdam.
	In the startup Millennials.ai, I work as an AI expert for various clients. Previously, I worked at a med-tech startup with mobile keystroke data to detect tiredness and early signs of MS. At the moment, I prepare and give trainings to young data scientists on core AI techniques.
2017–2019	**Team Leader**, *Dutch Nao Team*, Amsterdam.
	Team Leader of the Dutch Nao Team, where in addition to participating in the robotics challenges I conduct weekly meetings with the team, make group decisions and help newcomers.
	Notable events attended:
	o Techfest 2015-2016 in Bombay, India
	o RoboCup European Open 2016 in Eindhoven, Netherlands
	o RoboCup 2016 in Leipzig, Germany
	o RoHOW 2016 in Hamburg, Germany
	o RoboCup IranOpen 2017 in Tehran, Iran
	o RoboCup 2017 in Nagoya, Japan
	o RoHOW 2017 in Hamburg, Germany
	o RoboCup 2018 in Montréal, Canada
	o RoHOW 2018 in Hamburg, Germany

2018–2018	**Teaching Assistant**, *Universiteit van Amsterdam*, Amsterdam.
	For the course *Computer Systems* in the second year of the *Artificial Intelligence* Bachelor, I aided in teaching and grading students. The course taught students the basic about processor architectures, computer memory and the interaction between hardware and software.
2017–2018	**Education Committee Member**, *Study Association via*, Amsterdam.
	As a part of the education committee at my study association, I help organize workshops and events related to informatics and AI for our members.
2016–2018	**Student Advisor**, *Universiteit van Amsterdam*, Amsterdam.
	Providing advisory information for future students at the Universiteit van Amsterdam open days.
2015–2017	**Team Member**, *Dutch Nao Team*, Amsterdam.
	Team member of the Dutch Nao Team, a robotics football team that participates in tournaments, often organized by the Robocup Federation.

Languages

Dutch	Native speaker
English	Fluent

Computer skills

Programming languages	**Python**, **C++**, **Java**, **Matlab**	Software	**Linux**, **PyTorch**, **Git**
Practised topics	**Reinforcement Learning, Deep Learning, Robotics, Natural Language Processing, Computer Vision**		

Publications

M. van der Meer, M. Pirotta, and E. Bruni. Exploiting Language Instructions for Interpretable and Compositional Reinforcement Learning. *arXiv e-prints*, page arXiv:2001.04418, Jan 2020, 2001.04418.

C. Lagrand, M. van der Meer, and A. Visser. The roasted tomato challenge for a humanoid robot. In *Autonomous Robot Systems and Competitions (ICARSC), 2016 International Conference on*, pages 341–346. IEEE, 2016.

C. Lagrand, P. M. de Kok, S. Negrijn, M. van der Meer, and A. Visser. Autonomous robot soccer matches. *BNAIC2016 Proceedings*, pages 237–238, 2016.

M. van Harmelen, M. van der Meer, M. Boon, J. Gerbscheid, and A. Visser. Hunting a robot controlled by an artificial brain. In *Proceedings of the 27th Belgian-Netherlands Conference on Artificial Intelligence (BNAIC 2015), Hasselt, Belgium*, 2015.