Personal Info

Address
Heesterveld 252
1102 SC Amsterdam

Phone
06-10274516

E-mail
tlpelsmaeker@gmail.com

Date of birth
29-08-1994

LinkedIn
www.linkedin.com/in/tom-pelsmaeker

Skills

Version control with Git for small projects.

Cloud computing with Amazon EC2, SURFsara Cartesius and DAS-4.

Website design with WordPress.

Statistical analysis with SPSS.

Scientific writing.

Programming Languages

Advanced knowledge of Python, including scientific libraries (SciPy, NumPy) and deep learning frameworks (PyTorch, TensorFlow, Caffe, scikit-learn).

Intermediate knowledge of MATLAB, including EEGLAB for processing of EEG data.

Intermediate knowledge of Lua, including deep learning framework Torch.

Intermediate knowledge of Java, including deep learning frameworks Deeplearning4j and Neuroph.

Basic knowledge of C, C++, JavaScript, PHP, HTML and CSS.

Additional Activities

09-2016 - present
Treasurer in the activity committee of my student association AmsterDance.

Tom Pelsmaeker

Master Student in Artificial Intelligence

Education

09-2016 - present
Msc. Artificial Intelligence, University of Amsterdam
120 ECTS. Current weighted average grade: 8.9

09-2015 - 09-2016
Transition Year Artificial Intelligence, University of Amsterdam
30 ECTS. Weighted average grade: 9.4

09-2011 - 09-2014
Bsc. Psychology, University of Amsterdam
212 ECTS. Cum Laude with Honours Programme.

Experience

04-2018 - present
IT Support
LEREN&ZO, Amsterdam
4-8 hour per week. LEREN&ZO is a tutoring institute for primary and secondary school students. I am responsible for the setup and management of their IT facilities.

11-2017 - 05-2018
Research Assistant
University of Amsterdam, Amsterdam
10 hours per week. Research into generation of natural language with Generative Adversarial Networks together with a fellow master's student and a PhD candidate.

09-2017 - 01-2018
Research and Development Intern
Birds.ai, Delft
24 - 40 hours per week. Birds.ai is a small startup that provides automatic analysis of drone imagery with Artificial Intelligence to give companies insight into the state of their assets. During my internship I helped them to improve their computer vision algorithms for automatic object detection and segmentation, working extensively with Caffe, Torch, Amazon EC2 and Git.

09-2014 - 05-2016
Co-founder
BrainFitness, Amsterdam
Full-time. BrainFitness was founded by me and two fellow psychology students. Our aim was to provide consumers, companies and health care professionals with novel neurotechnology, and help them use it to combat mental health issues. My responsibilities included promotion, marketing, website building, product research, workshop development and management in general.

10-2014 - 05-2016
Publications
Muncipality of Amstelveen, Amstelveen
8 hours per week. I was responsible for publishing legislation changes and granted permits on the website of the muncipality.

02-2013 - 02-2015
Student Coordinator
Academie van de Stad, Amsterdam
10 hours per week. Academie van de Stad improves city neighbourhoods by having students develop and lead social projects for youth and the elderly. As one of four members of the neighbourhood team in the Dapperbuurt, Amsterdam, I was responsible for the creation and coordination of a weekly Dutch reading course aimed at young children from minority groups and for the management of interns.

07-2011 - 02-2013
Cashier and Stockboy
Dirk III Liquor Store, Amsterdam
8 hours per week.