CV – Nelson Mooren, B.Sc.

Amsterdam, the Netherlands

email: hello@nelson.science
website: http://nelson.science/

Education

2013-present M.Sc. in **Brain & Cognitive Sciences** (research)
Major: Cognitive Science
University of Amsterdam, *Amsterdam*
Expected to graduate per *August, 2016*

RESEARCH INTERNSHIP 1: Population receptive field responses to local contrast, Spatial Coherence and Feature Energy variation.
Supervisor: Dr. H.S. Scholte (Brain and Cognition, University of Amsterdam).
I ran an experiment to investigate population receptive field mapping in humans using 3T functional MRI. I generated visual stimuli and set up the experimental task using Matlab.

RESEARCH INTERNSHIP 2: Analysis of dancers in a silent disco.
Supervisor: Dr. J.A. Burgoyne (Music Cognition, ILLC, University of Amsterdam).
I set up a motion tracking toolbox in Python for the processing of overhead video footage of silent discos. I analysed the generated data in Python using network analysis.

2009-2013 B.Sc. in **Psychobiology**
Minor: Artificial Intelligence
University of Amsterdam, *Amsterdam*

THESIS: Weibull image statistics influence performance in rapid serial visual presentation (RSVP).
Supervisor: Dr. H.S. Scholte (Brain and Cognition, University of Amsterdam).
I designed, set up and ran a behavioral experiment, coded in Matlab. I processed and analysed the generated data, finding that variation in image statistics facilitates rapid object detection in images of natural scenes.

Additional education

<table>
<tr><td>Summer 2016</td><td>Online course (MOOC): Deep Learning
Udacity, Google
https://www.udacity.com/course/deep-learning–ud730
Ongoing</td></tr>
<tr><td>Spring 2016</td><td>Online course (MOOC):
Confronting The Big Questions: Highlights of Modern Astronomy
University of Rochester, Rochester
https://www.coursera.org/learn/astronomy
Completed with a score of 84%</td></tr>
<tr><td>Fall 2014</td><td>Online course (MOOC):
International Politics in the Korean Peninsula I
Seoul National University, Seoul
https://www.edx.org/course/snux/international
Lectures in Korean with English subtitles.
Completed with a score of 71%.</td></tr>
<tr><td>Fall 2011</td><td>Online course (MOOC):
Introduction to Artificial Intelligence
Stanford University, Stanford
https://www.udacity.com/course/cs271
Completed with a score of 73.6%</td></tr>
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Professional Experience and Extracurricular Activities

<table>
<tr><td>2016-present</td><td>Social media management (volunteer)
Dreamcatcher foundation, Melkhoutfontein, South Africa</td></tr>
<tr><td>2008-present</td><td>Freelance Photographer
Commissioned as well as non-commissioned work.
Past clients include: Humanitas, Cordaan, Vrijwilligers en Zo.</td></tr>
<tr><td>2015-2016</td><td>Council member, treasurer
Faculty Student Council, Faculty of Science, University of Amsterdam</td></tr>
<tr><td>2014-2015</td><td>Board member, treasurer
Cognito student union, Amsterdam</td></tr>
<tr><td>2013-2015</td><td>Newsletter committee member
Cognito student union, Amsterdam</td></tr>
<tr><td>2013-2014</td><td>Teaching assistant
Cycling courses facilitated by Kansrijk Zuidoost, Amsterdam
The courses are aimed at women with a low socio-economic status.</td></tr>
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Skills and proficiencies

Computer languages: CSS, HTML, LaTeX, Matlab, Python.
Human languages (fluent): Dutch, English.
Human languages (basic): French, German, Korean.
Software & development: Adobe InDesign, Lightroom, Photoshop; Github; Unix shell.