

Contact

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Current education

M.Sc. Brain and Cognitive Sciences (Track: Cognitive Science) at the Universiteit van Amsterdam (since August 2015)

Research project (since February 2017):

Neuromorphic Cognitive Systems Group, Institute of Neuroinformatics, ETH Zürich & University of Zürich

I am currently a visiting research at the Neuromorphic Cognitive Systems Groups for an 8-month project, in which we attempt to combine a number of spiking self-organising maps that generate oscillations feature activity; the hypothesis is that the Communication-through-Coherence framework of Pascal Fries might be a suitable organisation principle for the problem of how information from each oscillating self-organising map is read out.

Literature thesis (since October 2016):

Brain & Cognition Group, Department for Psychology, University of Amsterdam

I am currently carrying out a literature study, reviewing previous approaches of using artificial neural networks as models of cognitive function and the types of inferences that can be drawn from these approaches; this is followed-up by an outline of further research.

- **Title:** What can artificial neural networks tell us about the human brain?
- **Supervisor:** Lukas Snoek
- **Collaborators:** Dr. H. Steven Scholte, Dr. Kandan Ramakrishnan, Stephan Garbin (Dept. of Computer Science, University College London)
- **Grade:** Work in progress

Research project (February - October 2016):

University Medical Center Utrecht, Department for Neurology and Neurosurgery

I carried out a half-year research project using a 7T fMRI scanner that was aimed at improving the brain-computer interface technology currently used in locked-in syndrome patients (part of the Utrecht NeuroProsthesis Project).

- **Title:** A pilot study to examine the lateralisation and discriminability of the neural correlates of facial expressions
- **Supervisor:** Efraïm Salari
- **Collaborators:** Prof. Nick Ramsey, Dr. Mathijs Raemaekers, Dr. Max Keuken
- **Grade:** 8.0 (equivalent to a GPA of 4.0)

Previous education

B.Sc. Cognitive Neuroscience at the University of Westminster, London (September 2011 - June 2014)

Issued with First Honours (grade average of **71.125%**, equivalent to a GPA of 4.0)

Final project

- **Title:** Examining the effects of a four-week condensed Mindfulness-Based Stress Reduction programme on the unity and diversity of Executive Functions.
- **Supervisor:** Dr. Trudi Edginton
- **Grade:** 75% (equivalent to a GPA of 4.0)

Awards

- **2012/-13:** High Achievement Award over £1,000 for academic excellence
- **2011/-12:** High Achievement Award over £1,000 for academic excellence

Previous work experience

Experience Design Consultancy

since February 2016 **DesignLab.** I am currently working as a mentor of the DesignLab online courses.

since November 2015 **Mushroom Media.** I am currently the lead User Experience Designer of a project about sustainability and sustainability reporting for the TV industry.

- April 2015 - August 2015** **JustGiving.** I was the lead User Experience Designer for rolling out user-focused control functions, *i.e.* improving user control and privacy.
- June 2014 - December 2014** **JustGiving.** I acted as the lead User Experience Designer for redesigning the iOS app as well as being involved in optimising the internal processes and work flows
- March 2014 - November 2014** **Mushroom Media.** I was the lead User Experience Designer of a project about Social Responsibility in creating TV content.
- August 2012 - November 2014** **TurtleMouth.** I acted as the Head of Project Management and lead User Experience Designer for this bootstrapped travel startup.
- April 2014** **Nitro Digital.** I worked as a User Experience Design support on short-term projects for a pharmaceutical client.
- August - December 2013** **Time Out London.** My responsibilities as User Experience Designer included work across all channels, being responsible for the Experience Designer across the desktop web site, mobile web, and the newly-launched Time Out app.
- July - August 2013** **RightsTracker.** I worked with RightsTracker during the summer of 2013 to create a high-level prototype that includes design elements and detailed interactions.
- May - July 2013** **DW UK** *formerly Digital White*
I was heading up two User Experience Design projects, one of which involved coaching and mentoring of a group of twenty graduates.
- January - March 2013** **TV Everywhere**
This agency brought me in to carry out an extensive Analytics review for one of the leading Museums in London.
- April 2011 - December 2012** **Digital White**
My first position as a User Experience Designer; in this agency I worked on all stages of the design process and was made responsible for strategic work.

Hobbies

Skiing, Surfing, Climbing, Hiking, Travelling & Music