

# Curriculum Vitae

December 2014

## PERSONAL INFORMATION

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## EMPLOYMENT HISTORY

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2013 – present      **Master Thesis Lab Assistant, Leiden University**  
Faculty of Social Sciences

2012 – present      **PhD candidate (AiO), Leiden University**  
Cognitive Psychology Unit, Faculty of Social Sciences

- Promotor: Bernhard Hommel. Supervisor: Guido Band.
- Funded by NWO Open Competition PhD project
- Topic: Human enhancement; “Can games make the brain young?”

2012 – 2012      **Research Assistant, Brown University**  
Serre Lab, CLPS

- Six month research assistant position.
- Project: computational modelling of human virtual navigation

2009 – 2012      **Student-assistant Leiden University**  
Faculty of Behavioral and Social Sciences, section Methods and Statistics.

- SPSS practicum instructor for: “Introduction Methods and Statistics”, “Testing Statistics”, “Psychometrics”, “Experimental and Correlational Research” and “Multivariate Data Analysis”.

2010 – 2010      **KNAW Research-assistant, Leiden University**  
Faculty of Behavioral and Social Sciences, section Cognitive Psychology.

- A four month research assistantship supervised by Guido Band, funded by the Royal Netherlands Academy of Arts and Sciences (KNAW).
- Project description: Stimulation of beneficial brain waves through Binaural Beat presentation.

2008 – 2009

**Student-assistant Leiden University**

Faculty of Behavioral and Social Sciences, section Cognitive Psychology.

- Revision and extension of the preparatory module: “Psychology for VWO-students”, 2009.
- Instructor for the preparatory module “Psychology for VWO-students”, 2008.

2000 – 2008

**Various**

**TEACHING & SUPERVISION**

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**Programming psychological experiments in E-prime: Advanced level**

Graduate school course, at Ghent University, (2014)

2 full day course (of 2) together with Henk van Steenbergen

**Human Potential: Theory**

Master Course for Applied Cognitive Psychology, Leiden University, (2013; 2014)

1 lecture (of 8) and 6 workgroups (of 6)

**Experimentation 1: E-prime**

Master Course for Applied Cognitive Psychology, Leiden University, (2013; 2014)

9 practical session (of 9)

**Emotion and Rationality in Decision Making**

Undergraduate course, University College the Hague, (2012; 2013; 2014)

Coordinator, 8 classes (of 14)

**Bachelor Projects**

Project for Bachelors Psychology, Leiden University

2014: Gaming & Reward schedules (5 students)

2013: Gaming & Creativity (5 students)

2012: Gaming & Creativity (5 students)

**Internship & Master Thesis**

Iliana Samara:	2014,	Applied Cognitive Psychology,	Gaming & Reward Schedules
Sammir Uppal:	2013,	Clinical Neuropsychology,	Game Training EEG study
Justyna Dlugosz:	2012,	Applied Cognitive Psychology,	Game Training EEG study
Marjolein Donkerbroek:	2012,	RM: Cognitive Neurosciene,	Game Training EEG study

**Master Thesis**

Gabriela Manolova:	2013,	Applied Cognitive Psychology,	Music & Cognition
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**Internship**

Thomas Houweling:	2013,	Clinical Neuropsychology,	Game Training EEG study
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Gabriela Manolova: 2013, Applied Cognitive Psychology, Game Training EEG study

## WORKSHOPS ATTENDED

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2014 Epos: Time Frequency Analysis  
Epos: Working Memory Workshop  
2013 Epos: Positive Journal Interactions  
Epos: Computational Modelling

## TALKS AND PRESENTATIONS

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2013 NVP 2013 Winter conference, poster presentation  
SPR 2013 Annual meeting, poster presentation  
2012 Leiden Science Day, invited talk

## GRANTS AND FUNDING

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2010 **Research Internship at Brown University, RI (USA): Computational Vision**  
Leiden University "LUSTRA scholarship", "Curatorenfondsen"; Leiden Study-  
association Minerva "Minerva Scholarship Fund"; Dr Hendrik Muller's  
Vaderlandsch Fonds "Study Grant"; Leiden University Fund "LISF Grant".  
(*appr. total € 2700*)

## AFFILIATIONS AND MEMBERSHIPS

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current **Leiden Institute for Brain and Cognition LIBC, The Netherlands.**  
PhD student membership  
current De Nederlandse Vereniging voor Psychonomie NVP, The Netherlands  
PhD student membership  
2013 Society for Psychophysiological Research SPR  
PhD student membership

## EXTRA-CURRICULAR ACTIVITIES

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2013 – 2014 **Board-member Leiden PhD Association (LEO)**  
Head-editor of the bi-annual "Thesis" magazine.  
2007 – present **Active membership Labyrinth Leiden.**  
Study association of Psychology at Leiden University.  
Member of the Finance Commission. (2008-now).  
• Head-editor of the quarterly issue "deSofa" (2009- 2010).  
Association booklet (average circulation of 2700), addressing issues in the  
general field of Psychology, the Psychology MSc and BSc programmes at  
Leiden University and the study association itself.  
• Member of the Advisory Board (2009-2010).  
• Chairman of the Acquisition Commission (2008-2009).  
• Member of the Acquisition Commission (2007-2008).

- Member of the Party & Drinks Commission (2007-2008).

## SKILLS AND PROFICIENCIES

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### Language:

Native Dutch, certified A2 English (International Baccalaureate).

### Data collection:

EEG (BioSemi); EOG; Eye-tracker (Tobii); Behavioral (online and lab setting).

### Statistics:

Multivariate data analysis; Factor analysis; Computational modeling; Missing data analysis; Nonlinear-modeling; Hierarchical clustering & regression.

### Software:

ActiView, Brain Vision Analyzer, EEGLab, FMRI ; E-Prime, Inquisit, OpenSesame, PsychToolbox ; Matlab, Python, SPSS ; Audacity, GIMP, Photoshop ; Excel, Powerpoint, Word ; MacOS, Windows,

## EDUCATION AND QUALIFICATIONS

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2009- 2012

### **MSc Psychology: Cognitive Neuroscience**

Leiden University, Faculty of Behavioral and Social Sciences

- Graduated *Cum Laude* January 31, 2012.
- Master Thesis: "Recognition of human action in videos by human observers and Nearest Neighbour models: The roles of motion and form information". Supervised by Thomas Serre.
- Optional courses: "Neurocognition and Artificial Intelligence", "fMRI Data and Statistics", "Human Computer Interaction", "Neuromodulation of Cognition".

2010-2011

### **Research Internship at Brown University, RI (USA): Computational Vision**

Department of Cognitive, Linguistics & Psychological Sciences; Serre Lab

- A five month research internship including an individual research project: "Human action recognition by human observers and computational models: The influence of form and motion information".

2006 - 2009

### **BSc Psychology**

Leiden University, Faculty of Behavioral and Social Sciences

- Bachelor of Science in Psychology, graduated *Cum Laude* July 21, 2009.
- Honours Research Bachelor Project: "Creativity, Mood and Genetics" under supervision of prof. dr. B. Hommel.  
Honours Lectures Programme 2<sup>nd</sup> year, completed June 2008.  
Honours Lectures Programme 1<sup>st</sup>, completed June 2007.
- Propedeuse, graduated *Cum Laude* June 30, 2007.
- Optional courses:

3<sup>rd</sup> Year: “Clinical Neuropsychology”, “Biopsychopathology and Psychopharmacology”, “Psychopathology, Diagnosis en Treatment” and “Plato & Co”.

2<sup>nd</sup> Year: “Sexology”, “Emotion and Cognition”, “Consciousness” and “Cognitive Neurosciences”.

2005 – 2006

**BSc Applied Physics**

Delft University of Technology, Faculty of Applied Sciences.

- Optional courses: “Programming in Java”.

1999 – 2005

**International Baccalaureate English**

Anna van Rijn College, Nieuwegein and International Baccalaureate Organization, Geneva.

- A six year course of content and language (Dutch – English) integrated learning at pre-university level. A2 Higher Level English Speaker, graduated August 7, 2005.

1999 - 2005

**VWO (Bilingual), Pre-university Secondary Education**

Anna van Rijn College, Nieuwegein.

- Highest level of pre-university education in the Netherlands with a six year duration, graduated *Cum Laude* June 16, 2005.
- Bilingual education including additional English lessons and half of all courses followed in English.
- Course profile: “Nature and Technology”, including “Physics 1 & 2”, “Chemistry 1 & 2” and “Mathematics 2A & 2B”. Additional courses: “Informatics” and “Biology 1”.