Christina ISAKOGLOU

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Thessaloniki, Greece | 14 August 1992
ADDRESS:	Molenweg 148, 6543 VG Nijmegen, Netherlands
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EDUCATION

2015-2017 MSc in COGNITIVE NEUROSCIENCE (Research)
(specialization in BRAIN NETWORKS & NEURONAL COMMUNICATION)
Radboud University Nijmegen, Netherlands
GPA: 3.4/4.0
Thesis on pattern recognition, neurodevelopmental disorders & ADHD
Supervisors: Thomas Wolfers (onsite) & Andre Marquand

2010-2015 Bachelor's Degree in INFORMATICS
(specialization in DIGITAL MEDIA)
Aristotle University of Thessaloniki (AUTh), Greece
GRADE: 8.52/10.00 (EXCELLENT)
Thesis on neuroinformatics, emotion-recognition & ECoG Signal
Supervisor: Nikos Laskaris

2014 Summer School Course
"Introduction to Cognitive Neuroscience: From Molecule to Behaviour"
Radboud University Nijmegen, Netherlands

2010 High School Degree
Hellenic College - Thessaloniki, Greece
19.5/20 (SCHOLARSHIP AWARDED)

AWARDS

DEC 2015 Electronic Services for the Development and Dissemination of Open Source Software
by GFOSS (GREEK FREE / OPEN SOURCE SOFTWARE SOCIETY)
Feature development for the 2D animation software Synfig Studio.

SEMINAR TALKS

NOV 2017 Donders Discussions, Netherlands
Invited speaker, Meta-analysis in Cognitive Neuroscience (related to my MSc Thesis topic).

COMPUTER SKILLS

PROGRAMMING LANGUAGES, TOOLS & PLATFORMS

C/C++ ● MATLAB ● Java ● Python ● R ● Prolog ● Android SDK
HTML ● PHP ● CSS ● JavaScript ● MySQL ● XML ● Git
Windows ● UNIX-like operating systems ● Android Platform

OTHER

Data Analysis & Visualization Python Libraries
LaTeX ● GLUT and OpenGL Utility Libraries
Autodesk Maya ● Blender ● Photoshop ● Audacity

Languages

Volunteering

Oct 2015-
Aug 2017
Cognitive Neuroscience Journal, Nijmegen
Webmaster of the CNS Journal.

Oct 2014
WISE Conference, Thessaloniki
Supporting the facilitation of the annual conference, organised this year by AUTh.

May 2014
TEDxThessaloniki, Thessaloniki
Assistance before and during the day of the local TED Event. Skills developed: resourcefulness, flexibility. The bottom line of my experience: Human capacity for creativity is astonishing.

Apr-Jun 2013
Aiesec, Thessaloniki
Promotion of student internships via online presence, as well as via face to face meetings. Finding ways and helping young people to get involved and fulfil their leadership potential. Skills developed: public relations, social media, persuasion, presentation skills.

Aug 2011
Elix, Andros
People from countries all over the world with one common goal: to bring to life the historical paths of the Greek island "Andros" and to remind to inhabitants and tourists that sometimes culture is hidden in the woods...Skills developed: better insight of cultures seemingly different, working under adverse circumstances.

Work Experience

Aug 2015-
Aug 2017
Marketing Assistant
Radboud International Office
Blogger in Weblog:experiences of international students, Member of the marketing campaign team of Radboud University.

July 2014-
Mar 2016
Research Web Developer
European Commission @ *Informatics Lab (AUTh)*
Developing and maintaining the "Central Testing Platform" for the e-CODEX project. The web platform helps newcomers to the project, or countries already involved, to build their systems according to the latest standards and software updates, debug errors they may encounter and validate the interoperability of their system.

Implementation of testing procedures, which, if passed successfully, enable the countries involved to be considered as pilots, so that their systems can now be used by litigants for the facilitation of an actual legal case.

Skills involved: Web development (full stack), Unix administration and database administration. Attention to detail, adaptability, taking initiatives and meeting deadlines are essential for the tasks.

Nov 2011-
Fev 2012
Computer Programming Intern
Information Technology Centre (AUTh)
Providing technical support to the members of Aristotle University and being a member of its administrative function(database management - PHP scripting). I became familiar with php, MySQL, Apache server(xampp), jasperReports. Skills developed: communication, the ability to acquire new knowledge in a short amount of time.

Interests and Activities

human behaviour and social dynamics - guitar - boxing
movies with strong characters - books in the style of Margaret Atwood and Isabel Allende

Projects

Dec 2014	**Sleep EEG Data Project** *MOOC project* Part of the Coursera MOOC "Exploring Neural Data". Tools used: Python, PANDAS library.
Aug 2014	**Compiler Construction** *University project* The compiler produces code for the MIX Machine, a hypothetical computer used in Knuth's monograph "The Art of Computer Programming". Tools used: flex, yacc, C.
June 2014	**Recommendation System** *University project* Implementation of a recommendation system based on item-based collaborative filtering. Evaluation of the predictions along with statistical metrics used to assess the recommender's performance are part of the implementation. Tools used: JAVA
Feb-Apr 2014	**Video content statistical analysis** *Computer Vision and Image Processing Group* Extraction of statistics based on properties of shots, humans/object trajectories etc. in movies. Research on what this information can tell us about cinematic techniques used and movie genre. Tools used: C++ ,MATLAB, XML.
Jan-Feb 2014	**Noise estimation of non-stationary signals** *University project* Algorithm implementation of noise estimation in speech signal. Knowledge gained: better understanding of spectral properties, better insight of noise. Tools used: MATLAB.
Oct 2013-Jan 2014	**Neural Networks** *University project* Implementation and comparison of different machine learning techniques in MNIST database. Machines implemented: Multilayer perceptron, Support vector machine, Radial Basis Function classifier. Tools used: MATLAB, python, libSVM, libLINEAR.
Oct-Dec 2013	**Fanpage** *University project (Teamwork)* Making use of web technologies, such as HTML5, CSS3, PHP, Javascript and jQuery.
Aug-Sept 2013	**Android Application** *European Youth Capital 2014 (Teamwork)* Voluntary development of an app dedicated to inform citizens and tourists of Thessaloniki about the current events and projects of the EYC iniciative in the town. Collaboration with two of my classmates. Becoming familiar with android development, different APIs and libraries, XML. Skills developed: collaboration with different personalities and understanding different perspectives.
June-Aug 2013	**Contribution to Open-Source Animation Software [Awarded]** *Synfig Studio* Animation vector and bitmap application. Becoming familiar with Cairo Graphics Library, Git. Skills developed: cooperation with people from long distance, reading others' code.
May-June 2013	**Markov Chains** *University project* Creation of fractals using Markov Chains.Tools used: MATLAB.

The code of selected projects can be found under my Github account, whereas some further details for each one at my site. Statements of accomplishment for independent coursework can be found here.

Independent Coursework

June 2017	Kaggle Python Tutorial on Machine Learning Course
May-July 2015	Emotions: a Philosophical Introduction
Sept-Dec 2014	Fundamentals of Neuroscience: Neurons and Networks
Sept-Dec 2014	Exploring Neural Data
Oct-Dec 2014	Game Theory
July-Sept 2014	Social Psychology
Feb-Apr 2014	Programming Mobile Applications for Android Handheld Systems
Aug-Sept 2013	Introduction to Guitar
Feb-Mar 2013	Introduction to Digital Sound Design

References

- **Thomas Wolfers**
  Affiliation: Master's Thesis onsite supervisor
  Homepage: http://www.ru.nl/english/people/wolfers-t/
  Contact: t.wolfers@donders.ru.nl - 024-3610098

- **Andre Marquand**
  Affiliation: Master's thesis supervisor, junior P.I. in Statistical Imaging Group where I conduct my internship
  Homepage: http://www.ru.nl/personen/marquand-a/
  Contact: a.marquand@donders.ru.nl - 024-3668492