

# Nikos Papasrantopoulos

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## Personal Info

Date of Birth December 11th, 1988      Nationality greek

## Education

- 3.2016 - today **PhD student**, *Institute for Language, Cognition and Computation, School of Informatics, University of Edinburgh*, supervisor: Shay Cohen.
- 9.2006 - 9.2012 **Diploma (MEng equivalent, 5-year)**, *School of Electrical and Computer Engineering (Computer Engineering major)*, National Technical University of Athens, grade "Very Good" (upper second-class honours, 7.58/10).
- thesis**, "*Relation extraction between entities from the newspaper "TA NEA" archive using non-supervised learning techniques*", supervisor: prof. Andreas Stafylopatis.

## Languages

greek	<b>mother tongue</b>	
english	<b>excellent</b>	<i>Certificate of Proficiency in English (Cambridge University)</i>
german	<b>elementary</b>	<i>Zertifikat Deutsch (Goethe Institut)</i>
japanese	<b>elementary</b>	<i>Japanese Language Proficiency Test Level 4 (Japan Foundation)</i>

## Computer Skills

OS	Linux, Windows, MacOS.
Office	excellent command of Microsoft Office and equivalent open Suites (OpenOffice), $\text{\TeX}$ , $\text{\LaTeX}$
Programming	Java, Python, C, SQL, PHP, R
Frameworks and platforms	Apache Solr, graph databases (some exposure to neo4j), Hadoop (some exposure), PyQt, Android development, Cordova for mobile apps development
Web	HTML, CSS, Javascript/JQuery, website construction and administration
Networks	home and small business network installation and configuration

## Professional Experience

- 01.2014 - 02.2016 **Institute for Language and Speech Processing, Athena Research Center, Natural Language Processing and Information Extraction group**, developer.
- natural language processing for search engine customization: making natural language processing Apache Solr filters/plugins.
  - information extraction exploiting knowledge bases (e.g. Wikipedia, Freebase)
  - active involvement in different research-oriented projects, such as entity linking and question answering

- 01.2014 - 02.2016 **Freelance web and mobile apps developer.**
- 09.2006 - 12.2013 **Freelance computer and network technician, freelance web developer.**
- 02.2007 - 02.2008 **Hellenic Telecommunications Organization (OTE), Ilisia DSLAM, PCM-SDH Department, ADSL connections.**

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## Teaching Experience

- 09.2007 - 02.2016 Private tutoring on a professional basis to students of all junior high school and high school grades - student preparation for national university entrance exams.
- 09.2009 - 08.2010 Volunteer work at "Athens Minor Protection Company" ("Stegi Anilikon Perissou"): teaching junior high school and high school students - preparing students for national university entrance exams.
- 09.2007 - 03.2008 Assistant at "Introduction to Computer Programming" laboratory, School of Electrical and Computer Engineering, National technical University of Athens.

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## Research Projects

- 04.2013 - 05.2013 **MIROR Project (Musical Interaction Relying on Reflexion)**, assistant. MIDI information analysis and pattern recognition. Under supervision of prof. Christina Anagnostopoulou, Department of Music, National and Kapodistrian University of Athens.

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## Publications

Konstantina Papanikolaou, Haris Papageorgiou, **Nikos Papasarantopoulos**, Theoni Stathopoulou and George Papastefanatos. *"Just the facts" with PALOMAR: Detecting protest events in media outlets and Twitter*. In Proceedings of Social Media in the Newsroom (SMnews 2016). Menlo Park, CA: The AAAI Press.

**Nikos Papasarantopoulos**, Christina Anagnostopoulou and Nick Poulakis. *A computational analysis study of children's songs from different countries*. In Proceedings of the Ninth Triennial Conference of the European Society for the Cognitive Sciences of Music (ESCOM), Manchester, UK, 2015.

Georgios Stratogiannis, **Nikos Papasarantopoulos**, Maria Pontiki, Giorgos Siolas, Dimitrios Galanis, Andreas Stafylopatis and Haris Papageorgiou. *NTUA ILSP in the TAC KBP 2014 English Entity Linking Challenge*, Text Analysis Conference (TAC), National Institute of Standards and Technology Gaithersburg, Maryland, USA, 2014.

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## Interests - Other activities

- music ten year studies in classical guitar, six year studies in byzantine music (studies in progress), greek traditional and turkish music - kanun, Music Theory, Solfège, Music Harmony, Chorus direction, Music Morphology and Music History, Eastern Mediterranean music theory - makam.
- photography <https://www.flickr.com/photos/papagandalf>
- other Webmaster and administrator of [www.didaskaleio.com](http://www.didaskaleio.com) - online community of students taking language courses in the Foreign Language School of the National and Kapodistrian University of Athens.

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