

Nikolaos (Nikos) Flemotomos

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RESEARCH INTERESTS	Speech Recognition, Speaker Diarization and Role Recognition, Machine Learning	
EDUCATION	Ph.D., Electrical Engineering	started Aug 2016
	University of Southern California, Los Angeles, CA, U.S.A. <ul style="list-style-type: none">• Advisor: Prof. Shrikanth Narayanan• Current GPA: 3.95/4.00	
	M.Sc., Electrical Engineering	expected Dec 2018
	University of Southern California, Los Angeles, CA, U.S.A. <ul style="list-style-type: none">• Current GPA: 4.00/4.00	
WORKING EXPERIENCE	Diploma (5-years degree), Electrical and Computer Engineering	Apr 2016
	National Technical University of Athens, Athens, Greece <ul style="list-style-type: none">• Thesis: <i>Robust Acoustic Features for Distant Speech Recognition</i> Advisor: Prof. Petros Maragos• GPA: 9.34/10.00	
	University of Southern California , Los Angeles, CA, U.S.A	
	Ming Hsieh Department of Electrical Engineering, Signal Processing and Interpretation Laboratory (SAIL) <i>Graduate Research Assistant</i>	May 2017 to present
	• Supervisor: Prof. Shrikanth Narayanan	
	National Technical University of Athens , Athens, Greece	
	School of Electrical and Computer Engineering, Computer Vision, Speech Communication and Signal Processing Group (CVSP) <i>Undergraduate Research Assistant</i>	Feb 2015 to Mar 2016
	• Supervisor: Prof. Petros Maragos	
	Czech Technical University in Prague , Prague, Czech Republic	
	Faculty of Electrical Engineering, Department of Cybernetics, Biomedical Data and Signal Processing Group (BioDat) <i>Research Intern</i>	Mar 2016 to Jun 2016
	• Project: <i>Automatic Sleep Staging Using HMMs</i> • Supervisor: Assoc. Prof. Lenka Lhotska	
TEACHING EXPERIENCE	Society of Astronomy and Space , Volos, Greece	
	<i>Teaching Assistant</i>	Summer 2011 & 2012
	Preparation for the International Olympiad on Astronomy and Astrophysics	
AWARDS AND DISTINCTIONS	Annenberg Ph.D Fellowship	Aug 2016 to present
	University of Southern California, Ming Hsieh Department of Electrical Engineering	
	Travel Grant	Sep 2018
	International Speech Communication Association (ISCA)	

	3rd Award of Success 15th Pan-Hellenic Student Competition on Astronomy and Space Engineering	Oct 2010
	Honorable Mention 4th International Olympiad on Astronomy and Astrophysics, Beijing, China	Sep 2010
CONFERENCE PUBLICATIONS	<ol style="list-style-type: none"> 1. N. Flemotomos, Z. Chen, D.C. Atkins, and S. Narayanan, "Role Annotated Speech Recognition for Conversational Interactions.", <i>IEEE Workshop on Spoken Language Technology (SLT)</i>, Athens, Greece, 2018. (accepted) 2. N. Flemotomos, P. Papadopoulos, J. Gibson, and S. Narayanan, "Combined Speaker Clustering and Role Recognition in Conversational Speech.", <i>Annual Conference of the International Speech Communication Association (Interspeech)</i>, Hyderabad, India, 2018. 3. N. Flemotomos, V.R. Martinez, J. Gibson, D.C. Atkins, T.A. Creed, and S. Narayanan, "Language Features for Automated Evaluation of Cognitive Behavior Psychotherapy Sessions.", <i>Annual Conference of the International Speech Communication Association (Interspeech)</i>, Hyderabad, India, 2018. 4. K. Singla, Z. Chen, N. Flemotomos, J. Gibson, D. Can, D.C. Atkins, and S. Narayanan, "Using Prosodic and Lexical Information for Learning Utterance-level Behaviors in Psychotherapy.", <i>Annual Conference of the International Speech Communication Association (Interspeech)</i>, Hyderabad, India, 2018. 	
SOFTWARE SKILLS	Programming Languages: Python, UNIX shell scripting, MATLAB, C C++, Java, ML, R, Prolog, SQL	<i>extensive experience</i> <i>familiarity</i>
	Tools: Kaldi Speech Recognition Toolkit, OpenFST library, Tensorflow, Keras Deep Learning library, L ^A T _E X	
GRADUATE COURSEWORK	Random Processes, Probability, Statistics, Mathematical Pattern Recognition, Deep Learning, Machine Learning from Signals, Machine Learning Theory, Mathematics of High-Dimensional Data	
SERVICE AND VOLUNTARY WORK	Hellenic Student Association of USC Student volunteer and board member	Jan 2018 to present
	IEEE Engineering in Medicine & Biology Society NTUA Student Chapter President Student volunteer	Sep 2014 to Jun 2015 Sep 2013 to Jun 2014
	7th International Olympiad on Astronomy and Astrophysics Student volunteer	Aug 2014
	AEGEE-Athina Volunteer (organisation aiming at a democratic, diverse Europe)	Sep 2012 to Sep 2013
LANGUAGES	Greek , Native Speaker English , Proficient Level <i>Certificate of Proficiency in English, University of Michigan</i> French , Proficient Level <i>Diplôme Approfondi de Langue Française (DALF C1-C2)</i> Japanese , Basic Level <i>Level N5 of the Japanese-Language Proficiency Test</i>	