

Emmanuel-Vasileios Vlatakis-Gkaragkounis

CONTACT INFORMATION	Ellinon Patrioton 23 Athens,16233	Phone: (0030) 6950925301 E-mail: emvlatakis@greedy.softlab.ntua.gr
EDUCATION	National Technical University of Athens (NTUA) Audited MSc in Algorithms, Complexity and Logic	2015-Present
	National Technical University of Athens (NTUA) <i>Bachelor of Electrical and Computer Engineering (5-year joint degree; 300 ECTS)</i> Direction of specialization : Information Technology Expected Diploma Grade: 9.8/10 -“Excellent” - Top 1% of my class Diploma Thesis: <i>Learning Algorithms on Social Choice Models</i> Advisor: Assistant Professor Dimitris Fotakis, (Corelab)	2010-2015
	High School of Kareas Graduation , (Grade:19.8/20, Distinction)	June, 2010
RESEARCH INTERESTS	Computational Learning Theory, Randomized & MCMC Algorithms, Applied Probabilities, Machine Learning, Metric Embeddings, Cognitive Algebras.	
PAPERS IN PREPARATION	Vlatakis Emm. Athanassopoulou G.and Potamianos A. Low Dimensional Manifold Discovery on non-metric constraints (To be submitted in Journal IEEE Transactions on Pattern Analysis and Machine Intelligence)	
HONORS AND AWARDS	<ul style="list-style-type: none">• Christos Papakyriakopoulos & Nikos Kritikos Awards-Bequests 2010-2012 For excellence in Mathematics in the school of Electrical and Computer Engineering (GPA 10/10)• Scholarship from State Scholarships Foundation (Greece) 2011 For excellence in undergraduate studies (Top class student Award)• Eurobank EFG Group Fellowship 2010 For excellence in university entrance exams• Award from the Municipality of Byron 2010 For my entrance in the National Technical University of Athens• Honors by the Hellenic Mathematical Society 2004-2010 For competing and excelling in the annual nationwide mathematical contest• Bronze Medal 2008-2009 NASA Fundamental Aeronautics International Student Competition For my aeronautical study/proposal about Next Generation Supersonic Aircraft Design	
RESEARCH & LABORATORY EXPERIENCE	The Institute for Language and Speech Processing (ILSP / “Athena” R.C.) , Athens. <i>Researcher Assistant</i> supervised by A. Potamianos Worked on Agnostic-Language Learning Methods of Conceptual Spaces over Semantic Network-based DSMs. Participant of European SpeDial and BabyAffect Project.	May, 2015 - present,
	Markov Chains & Stochastic Processes , In collaboration with Michalis Loulakis Organizing and Supervising a virtual laboratory on MCMC techniques Proofreading, Contribution on the writing the experimental part of the First Greek Academic E-Book on Markov Chains Technical Editing, Construction of converter Latex to EPUB3 Protocol	May, 2014 - present,

TEACHING EXPERIENCE **National Technical University of Athens (NTUA),**
Teaching assistant for :

Computational Learning Study Group.	Winter 2016
Algorithms	Fall 2015
Pattern Recognition	Fall 2015
Stochastic Processes.	Spring 2015, 2016
Computer Programming	Fall 2013, 2014

Duties included shared responsibilities for lectures, exams, homework assignments, grades or leading weekly computer labs.

PROGRAMMING SKILLS

- Statistical Packages: R, Matlab
- Languages: C/C++, Python, Java, Haskell, Unix shell scripts, MPI parallel processing library.
- Linux Kernel: Extension of QEMU Paravirtualization API
- Typesetting: L^AT_EX
- Operating Systems: Unix/Linux, Windows.

VOLUNTEER WORK

- ◇ Volunteer Teaching to High School students for university entrance exams
- ◇ Recording Academic Talking Books for blind or visually impaired
- ◇ Folk Dance Teaching
- ◇ NTUA Debate Club Founding Member (1st Prize in Contest 2012)

PERSONAL INTERESTS

Cretan/Tango Dance • Chess • Scientific Literature • Swimming • Hiking
 Traditional Cretan Poetry • Byzantine Music • Act

LANGUAGES

Greek (native) • English (advanced) • French (advanced) • German (intermediate)

REFERENCES AVAILABLE ON REQUEST

Dimitris Fotakis	Assistant Professor, NTUA (diploma thesis advisor, course instructor)
Stathis Zachos	Professor, NTUA (course instructor)
Alexandros Potamianos	Associate Professor, NTUA (course instructor)
Michail Loulakis	Associate Professor, NTUA (course instructor)