Alexia Atsidakou

Department of Electrical & Computer Engineering
Cockrell School of Engineering
University of Texas at Austin
2501 Speedway, Austin, TX 78712

Email: atsidakou@utexas.edu
Phone: +1 (737) 217-6790
Website: alexia-atsidakou.netlify.app

Education		
	University of Texas at Austin	Austin, Texas
	PhD in Electrical and Computer Engineering	2020 – Present
	Advisors: Constantine Caramanis, Sujay Sanghavi	
	GPA: 4.00/4	
	National Technical University of Athens	Athens, Greece
	BS in Electrical and Computer Engineering	2014 – 2019
	Advisor: Georgios Stamou	
	GPA: 9.46/10	

Publications

Combinatorial Blocking Bandits with Stochastic Delays
with O. Papadigennopoulos, S. Basu, C. Caramanis, S. Shakkottai.
ICML 2021'

A mathematical theory towards adaptive gradient methods
with F. Cui, T. Ren, S. Sanghavi, N. Ho.
Under Review

A Parallel Genetic Algorithm for the Calibration and Model Exploration of Tumor Treatment Simulations
with C. Akasiadis, M.P.D. Leon, A. Montagud, E. Michelioudakis, E. Alevizos, A. Artikis, A. Valencia, G. Paliouras.
Under Review

Research interests   Online Machine Learning, Optimization, Algorithms.

Awards & Achievements		
	Cockrell School of Engineering Fellowship	2020
	1st place in Greece, **Google's** "Hashcode" programming competition	2018
	Eurobank Undergraduate Grant	2014

Graduate Coursework		
	Probability and Stochastic Processes	4.00/4 - Fall 20' - UT Austin
	Convex Optimization	4.00/4 - Fall 20' - UT Austin
	Statistical Machine Learning	4.00/4 - Spring 20' - UT Austin
	Online Learning	Fall 21' - UT Austin
	Statistical Optimization for Machine Learning	Fall 21' - UT Austin

Teaching experience	**Teaching assistant, ECE Department (UT Austin)**	Fall 2020
	Algorithms (EE 360C)	
	Teaching assistant, ECE Department (NTUA)	Fall 2018
	Computer Programming	
Research experience	**University of Texas at Austin**	2020-Present
	Graduate Research Assistant	
	Supervisors: Constantine Caramanis, Sujay Sanghavi	
	Machine Learning Laboratory (lab website).	
	National Center for Scientific Research "Demokritos"	Nov 2019
	Research Associate	- Jun 2020
	Supervisor: Prof. Alexander Artikis	
	Model exploration and Event forecasting for Cancer Simulations (lab website).	
Skills	**Programming**	
	Python, C/C++, Java, Unix.	
	Languages	
	English (fluent), Greek (native), Italian (advanced)	