Alexia Atsidakou

Department of Electrical & Computer Engineering

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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	

Research Internships	**Amazon Science**	Summer 2022
	Applied Scientist Intern	
	Supervisors: Branislav Kveton, Sumeet Katariya	

Publications	*Contextual Pandora's Box*
	with E. Gergatsouli, O. Papadigennopoulos, C. Caramanis, C. Tzamos.
	under review
	Asymptotically-Optimal Gaussian Bandits with Side Observations
	with O. Papadigennopoulos, C. Caramanis, S. Sanghavi, S. Shakkottai.
	ICML 2022'
	Towards Statistical and Computational Complexities of Polyak Step Size Gradient Descent
	with F. Cui, T. Ren, S. Sanghavi, N. Ho.
	AISTATS 2022'
	Combinatorial Blocking Bandits with Stochastic Delays
	with O. Papadigennopoulos, S. Basu, C. Caramanis, S. Shakkottai.
	ICML 2021'
	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.
	Computational Intelligence

Awards	Gerondelis Foundation Scholarship	2021
& Achievements	Cadence "Women in Technology" Scholarship	2021
	Cockrell School of Engineering Fellowship	2020
	Eurobank Undergraduate Grant	2014

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](#)).

Teaching experience

Teaching assistant, ECE Department (UT Austin) — Fall 2020
Algorithms (EE 360C)

Teaching assistant, ECE Department (NTUA) — Fall 2018
Computer Programming

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	**4.00/4** - Fall 21' - UT Austin
Statistical Optimization for Machine Learning	**4.00/4** - Fall 21' - UT Austin

Skills

Programming
Python, C/C++, Java, R, Unix.

Languages
English (fluent), Greek (native), Italian (advanced)

Other

1st place in Greece, **Google's** "Hashcode" programming competition — 2018