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	

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

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