

Alexia Atsidakou

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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 interests

Online Machine Learning, Optimization, Algorithms.

Publications

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

Towards Statistical and Computational Complexities of Polyak Step Size Gradient Descent
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

Awards

Gerondelis Foundation Scholarship	2021
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

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

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

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

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