

# 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 interests

Online Learning, Optimization, Algorithms.

## Publications

*Asymptotically-Optimal Gaussian Bandits with Side Observations*

with O. Papadigenopoulos, C. Caramanis, S. Sanghavi, S. Shakkottai.

**under review**

*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. Papadigenopoulos, S. Basu, C. Caramanis, S. Shakkottai.

**ICML 2021'**

## 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](#)).

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|---------------------|---|--|
|                     | <b>National Center for Scientific Research "Demokritos"</b><br>Research Associate<br>Supervisor: Prof. Alexander Artikis<br>Model exploration and Event forecasting for Cancer Simulations ( <a href="#">lab website</a> ). | Nov 2019<br>- Jun 2020   |
| Teaching experience | <b>Teaching assistant, ECE Department (UT Austin)</b><br>Algorithms (EE 360C)   | Fall 2020  |
|                     | <b>Teaching assistant, ECE Department (NTUA)</b><br>Computer Programming  | Fall 2018  |
| Graduate Coursework | Probability and Stochastic Processes<br>Convex Optimization<br>Statistical Machine Learning<br>Online Learning<br>Statistical Optimization for Machine Learning   | <b>4.00/4</b> - Fall 20' - UT Austin<br><b>4.00/4</b> - Fall 20' - UT Austin<br><b>4.00/4</b> - Spring 20' - UT Austin<br><b>4.00/4</b> - Fall 21' - UT Austin<br><b>4.00/4</b> - Fall 21' - UT Austin |
| Skills              | <b>Programming</b><br>Python, C/C++, Java, R, Unix.<br><br><b>Languages</b><br>English (fluent), Greek (native), Italian (advanced)   |  |
| Other               | 1st place in Greece, <b>Google's</b> "Hashcode" programming competition   | 2018   |