

**CONTACT**      gergatsouli@wisc.edu  
Computer Sciences Dept  
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Madison, WI  
<https://evagelia.github.io>

**RESEARCH INTERESTS**      Designing algorithms under uncertainty, data driven algorithms  
approximation and online algorithms, machine learning  
stochastic optimization, algorithmic game theory

**EDUCATION**

- **University of Wisconsin - Madison** (Madison WI) *2020-now*  
PhD in Theoretical Computer Science
- **University of Wisconsin - Madison** (Madison WI) *2018-2020*  
MSc in Computer Science  
*GPA: 3.8/4*
- **National Technical University of Athens** (Athens, Greece) *2012-2018*  
Diploma, School of Electrical and Computer Engineering  
*GPA: 9.08/10*  
*Major: Computer Science*  
*Minor: Mathematics and Computer Networks*  
*Thesis: Approximation Algorithms for Online Facility Location and Radii Facility Location*

**PUBLICATIONS**

- **The Complexity of Black-Box Mechanism Design with Priors** *TEAC '20*  
*E. Gergatsouli, B. Lucier, C. Tzamos*
- **Pandora's Box with Correlations: Learning and Approximation** *FOCS '20*  
*S. Chawla, E. Gergatsouli, Y. Teng, C. Tzamos, R. Zhang*
- **Black-box Methods for Restoring Monotonicity** *ICML '20*  
*E. Gergatsouli, B. Lucier, C. Tzamos*
- **The Complexity of Black-Box Mechanism Design with Priors** *EC '19*  
*E. Gergatsouli, B. Lucier, C. Tzamos*

## MANUSCRIPTS

- **Approximating Pandora’s Box with Correlations**  
*S. Chawla, E. Gergatsouli, J. McMahan, C. Tzamos*
- **Learning Augmented Online Facility Location**  
*D. Fotakis, E. Gergatsouli, T. Gouleakis, N. Patrís*
- **Online Learning for Min Sum Set Cover and Pandora’s Box**  
*E. Gergatsouli, C. Tzamos*

## RESEARCH EXPERIENCE

- **Research Intern**, Max Plank Institute for Informatics *Summer 2020*  
Mentor: *Themis Gouleakis*

## TEACHING EXPERIENCE

- **TA for [New Horizons in TCS](#)** summer school *Summer '21*  
Instructors: *A. Blanca, N. Immorlica, Y. Kalai, J. Nelson, A. Wilson*
- **TA for [Introduction to Algorithms](#)**, UW-Madison *Fall '18*  
Instructors: *S. Chawla, D. van Melkebeek, C. Tzamos* *Spring '19, '20*
- **TA for [Programming II \(Java\)](#)**, UW-Madison *Fall '20, '21*  
Instructors: *M. Kacem, H. Le Gault* *Spring '21*
- **TA for [Algorithms and Complexity](#)**, NTUA *Fall '17*  
Instructors: *D. Fotakis*
- **TA for [Computer Programming](#)** at NTUA *Fall '13-'17*  
Instructors: *D. Fotakis, N. Papaspyrou, S. Zachos*
- **Lab Assistant for [Programming Techniques](#)** at NTUA *Spring '16*  
Instructors: *N. Papaspyrou, G. Stamou*

## PROFESSIONAL SERVICE

**Subreviewer:** ICALP 2022, TCS, ESA 2021, MFCS 2021, SODA 2020, EC 2020, WINE 2019, 2020, SAGT 2020

# PROGRAMMING SKILLS

**Good:** C, C++, Python  
**Basic:** Matlab, Mathematica

## AWARDS & DISTINCTIONS

- **Graduate Fellowship** for incoming Students (UW- Madison) *2018*
- **"Great Moment for Education" award** for graduating first in high school in university admission exams *2012*
- **Honorary mention** in the nationwide Physics competition (Greece) *2011*

## LANGUAGES

**Greek** native speaker  
**English** fluent (level C2)  
**Italian** good (level B2)

VOLUNTEERING	• Mentor for undergraduate students, via the <a href="#">Student chapter of ACM's Women in Computing</a> mentoring program	<i>Fall '21, Spring '22</i>
	• Mentor for the <a href="#">WISCERS</a> Mentoring Program at UW-Madison, aiming to expose undergraduate students to research	<i>Spring '21</i>
	• Volunteer in the Activities Team in the <a href="#">Student chapter of ACM</a> at UW Madison	<i>2020-now</i>
	• Administrator for the ECE NTUA students community-maintained <a href="#">forum</a> and <a href="#">wiki</a>	<i>2013-2018</i>
	• Volunteer for the Athens Amateur Astronomy Association	<i>2014</i>