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Computer Sciences Dept, 1210 West Dayton St
Madison, WI, USA
<https://evagelia.github.io>

RESEARCH INTERESTS Designing algorithms under uncertainty, data driven algorithms, prophet inequalities
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

RESEARCH EXPERIENCE

- **Visiting PhD** ([Center for Mathematical Modeling](#), University of Chile) *March-May '23*
Mentor: *José Correa*
- **Research Intern, Meta, CDS** (Menlo Park, CA) *Summer '22*
Mentor: *Okke Schrijvers*
- **Research Intern, Max Plank Institute for Informatics** (Remote) *Summer '20*
Mentor: *Themis Gouleakis*

PUBLICATIONS

- **Prophet Secretary Against the Online Optimal** *EC '23*
Dütting, Gergatsouli, Rezvan, Teng, Tsigonias-Dimitriadis
- **Approximating Pandora's Box with Correlations** *APPROX '23*
Chawla, Gergatsouli, McMahan, Tzamos
- **Graph Connectivity with Noisy Queries** *MFCS '23*
Fotakis, Gergatsouli, Pipis, Stouras, Tzamos
- **Online Learning for Min Sum Set Cover and Pandora's Box** *ICML '22*

Gergatsouli, Tzamos

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

- MANUSCRIPTS
- **Contextual Pandora's Box**
Atsidakou, Caramanis, Gergatsouli, Papadigenopoulos, Tzamos
 - **Weitzman's Rule for Pandora's Box with Correlations**
Gergatsouli, Tzamos
 - **Learning Augmented Online Facility Location**
Fotakis, Gergatsouli, Gouleakis, Patris

- TEACHING TA for the following courses:
- EXPERIENCE
- **New Horizons in TCS** summer school *Summer '21*
 - UW Madison CS577: **Introduction to Algorithms** *Fall '18, Sp. '19, '20*
 - UW Madison CS300: **Programming II (Java)** *Fall '20, '21, Sp. '21*
 - NTUA: **Algorithms and Complexity** *Fall '17*
 - NTUA: **Computer Programming** (Lab Assistant) *Fall '13 - '17*
 - NTUA: **Programming Techniques** (Lab Assistant) *Spring '16*

- PROFESSIONAL SERVICE
- Subreviewer:** ITCS '23, SODA '20, '23, EC '20, '21, '22, ICALP '22, TCS '22, ESA '21, '22, MFCS '21, WINE '19, '20, SAGT '20

- PROGRAMMING SKILLS
- Good:** C, C++, Python
Basic: Matlab, Mathematica

- AWARDS & DISTINCTIONS
- **Grace Hopper UW-CS Departmental Scholarship 2022** (declined) *2022*
 - **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 various UW CS programs	
	- Student chapter of ACM-W mentoring program	<i>Fall '21,</i> <i>Spring '22</i>
	-Computer Sciences Department first year grad students mentoring	<i>Fall '22</i>
	- WISCERS program for mentoring undergrad students	<i>Spring '21</i>
	• Activities Team in the Student chapter of ACM at UW Madison	<i>2020-2022</i>
	• Admin for the ECE NTUA students community-maintained forum & wiki	<i>2013-2018</i>
	• Volunteer in the Athens Amateur Astronomy Association	<i>2014</i>