

Zafeiria Moumoulidou

College of Information and Computer Sciences
140 Governors Drive
University Of Massachusetts, Amherst
✉ zmoumoulidou@cs.umass.edu
<https://imoumoulidou.github.io/>

Education

- September 2018-present **Ph.D.**, *College Of Information and Computer Sciences*, UMass Amherst, Amherst MA.
Advisor: Prof. Alexandra Meliou
- August 2018 **Diploma, MSc.equivalent**, *Electrical & Computer Engineering*, Technical University Of Crete, Chania.
Diploma Thesis: Dynamic Decision Trees in a Distributed Environment
Advisors: Prof. Minos Garofalakis, Prof. Antonios Deligiannakis
GPA: 8.52/10.00

Research Interests

- Data fairness and diversity, Data management
- Machine Learning, Data Mining

Research & Academic Experience

- Fall 2018-present **Research Assistant**, *Working on algorithmic fairness and diversity with Prof. Alexandra Meliou, UMass Amherst.*

Technical skills

- Programming Languages: Python, Java, C, Matlab/GNU Octave, SQL
- Environments & Tools: PyTorch, MapReduce (Hadoop), Apache Storm

Graduate Coursework

- Advanced Algorithms, Prof. Ramesh Sitaraman (A-)
- Randomized Algorithms, Prof. Andrew McGregor (A)
- Database Design & Implementation, Prof. Gerome Miklau (A)
- Machine Learning, Prof. Brendan O'Connor (A)
- Neural Networks: A Modern Introduction, Prof. Erik Learned-Miller (A)
- Research Methods in Empirical Computer Science, Prof. David Jensen (A)
- Optimization in Computer Science, Prof. Madalina Fiterau (A)

Notable Undergraduate Coursework

- Special Topics in Database Systems (10/10)- **graduate course**

- Data Management and Processing in Sensor Networks (9/10)*
- Human Computer Interaction (10/10)*
- Information Management Methods (9.5/10)*
- Biomedical Technology (9.5/10)
- Information Theory (10/10)
- Statistical Signal Processing (9/10)
- Convex Optimization (9/10)*
- Computer Networks I (10/10)
- Digital Signal Processing (10/10)
- Linear Systems (10/10)
- Automatic Control (10/10)
- Probability Theory & Statistics (9.5/10)
- Operating Systems (9/10)
- Statistical Modelling & Pattern Recognition (8.5/10)
- Advanced Topics in Database Systems (8/10)

*Cross-listed graduate course: attended as an undergraduate student but fulfilled graduate requirements

Foreign Languages

Greek	Mothertongue
English	Certificate of Proficiency in English, University Of Cambridge, University Of Michigan (C2)
Spanish	Diploma Superior de Español Como Lengua Extranjera, Instituto Cervantes (C2)
German	Goethe-Zertifikat B2