

# Zafeiria Moumoulidou

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

## Education

- 2018-current **Ph.D.**, *College Of Information and Computer Sciences*, UMass Amherst, Amherst MA.  
Advisor: Prof. Alexandra Meliou
- 2011–2018 **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

## Research Interests

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

## Technical skills

- Programming: C, Java, Matlab, nesC, SQL, Python
- Environments & Tools: MapReduce (Hadoop), Apache Storm, TinyOS
- Typesetting:  $\text{\LaTeX}$ , Microsoft Office
- Operating Systems: Windows, Linux

## Foreign Languages

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

---

## Notable Undergraduate Courses

- 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

---

## References

- Available upon request