



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Spyropoulou
<b>Name:</b>	Eirini
<b>Rank/Position:</b>	Adjunct Faculty
<b>Faculty:</b>	Sciences and Engineering
<b>Department:</b>	Computer Science
<b>Scientific Domain: *</b>	Data Mining

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2013	University of Bristol	Engineering Mathematics	Local Pattern Mining in Multi-Relational Data
MPhil	2007	University of Cambridge	Engineering/Computer Lab	Emotion based sentence classification
MEng	2005	National Technical University of Athens	Electrical and Computer Engineering	A prototype Peer to Peer system based on RDF schemas



### Employment history in Academic Institutions/Research Centers–List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2020	Today	University of Nicosia	Nicosia, Cyprus	Adjunct Faculty
2015	Today	Barclays bank	London, UK	Data Science Lead (Cyber Security)
2015	2015	University of Bristol	Bristol, UK	Research Assistant in Data Science
2013	2015	Toshiba Research	Bristol, UK	Research Engineer

**Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected – (max total 10)**

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2014	Interesting pattern mining in multi-relational data	T. De Bie, M. Boley	Data Mining and Knowledge Discovery	28(3)	808-849
2	2016	Subjective interestingness of subgraph patterns	M. Van Leeuwen, T. De Bie, C. Mesnage	Machine Learning	105(1)	41-75
3	2016	PN-RMiner: A generic framework for mining interesting structured relational patterns	J. Lijffijt, T. De Bie, B. Kang	International Journal of Data Science and Analytics	1(1)	61-76
4	2013	Mining interesting patterns in multi-relational data with n-ary relationships	T. De Bie, M. Boley	International Conference on Discovery Science		217-232
5	2018	Methods and systems for communicating information to a user	Y Jin, M Sooriyabandara	US Patent		
6	2016	SuMoTED: An intuitive edit distance between rooted unordered uniquely-labelled trees	M McVicar, B Sach, C Mesnage, J Lijffijt, T De Bie	Pattern Recognition Letters	79	52-59
7	2012	Knowledge discovery interestingness measures based on unexpectedness	KN Ktononasios, T De Bie	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	2(5)	386 - 399



**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.  
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	Dec 2017 - Now	Spike.AI	Director	Consulting Services (Data Science) on Pharmaceutical and Telecom sectors
2	Sept 2018 – Sept 2019	ECML/PKDD	Chair of the Applied Data Science Track	Chair of the program committee for this track

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10)(Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2013	Best Paper Award	International Conference on Data Science