

# Nantia Makrynioti

PhD Student - Software Engineer

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<http://nantiamakrynioti.com/>  
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## EDUCATION

### PhD Student

2013 - Present, Athens (GR)

Department of Informatics, Athens University of Economics and Business — *Advisor: Vasilis Vassalos*

### MSc in Information Systems

2011 - 2013, Athens (GR)

Department of Informatics, Athens University of Economics and Business

- Master thesis: Sentiment Analysis on the Twitter Feed (Advisor: Vasilis Vassalos)
- Scholarship from Athens University of Economics and Business for graduating among the four best students in my MSc class

### BSc in Computer Science

2006 - 2010, Ioannina (GR)

Department of Computer Science, University of Ioannina (nowadays Department of Computer Science and Engineering)

## WORK EXPERIENCE

### Software Engineer

Sep 2016 - Aug 2018, Atlanta (USA)

LogicBlox

*Member of the Analytics Team*

### Internship

May 2016 - Aug 2016, Atlanta (USA)

LogicBlox

### Research Assistant

2014 - 2015, Athens (GR)

ICT4Growth Project

### Research Assistant

2013 - 2015, Athens (GR)

EICOS Project

Information Management Systems Institute (IMSI)

### Software Developer

2012 - 2013, Athens (GR)

IT Dept. of Vardinoyannis Group of Companies

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## PUBLICATIONS

**DEEM@SIGMOD 2018**

### **Modelling Machine Learning Algorithms on Relational Data with Datalog**

Nantia Makrynioti, Nikolaos Vasiloglou, Emir Pasalic and Vasilis Vassalos

**IJBDI 2017**

### **PaloPro: A platform for knowledge extraction from big social data and the news**

Nantia Makrynioti, Andreas Grivas, Christos Sardianos, Nikos Tsirakis, Iraklis Varlamis, Vasilis Vassalos, Vassilis Pouloupoulos and Panagiotis Tsantilas

**MEDAL@EDBT 2016**

### **Towards an Analytics Query Engine**

Nantia Makrynioti and Vasilis Vassalos

**DaWaK 2015**

### **Sentiment Extraction from Tweets: Multilingual Challenges**

Nantia Makrynioti and Vasilis Vassalos

**SemEval 2013**

### **Two Stage Sentiment Analysis**

Prodromos Malakasiotis, Rafael Michael Karampatsis, Nantia Makrynioti and John Pavlopoulos

## OTHER RESEARCH PAPERS

**CoRR abs/1902.01304 (2019)**

### **Declarative Data Analytics: a Survey**

Nantia Makrynioti and Vasilis Vassalos  
<https://arxiv.org/abs/1902.01304>

## SERVICE

**Program Committee Member**

DEEM Workshop 2019, DeLBP Workshop 2019

**External Reviewer**

ICDE 2014, SIGMOD 2014, DASFAA 2014, CIKM 2014, SIGMOD 2015, ICDE 2016, SIGMOD 2017

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## TEACHING

<b>Undergraduate courses</b>	Databases (2019), Web Application Development (2018), Introduction to Programming (2013, 2014, 2015, 2016), Design and Analysis of Algorithms (2014)
<b>Graduate courses</b>	Theory and Fundamentals of Database Systems (2017)

## SKILLSET

<b>Programming Languages</b>	Java, Python, Haskell, PHP, C, C++, Javascript
<b>Databases</b>	MySQL, PostgreSQL, LogicBlox
<b>Machine Learning</b>	Tensorflow, Weka, Liblinear
<b>Big Data Frameworks</b>	Spark
<b>Miscellaneous</b>	HTML, CSS, XML, JPA, Hibernate, UML

## LANGUAGES

<b>English</b>	Certificate of Proficiency University of Cambridge, Certificate of Proficiency University of Michigan
<b>French</b>	DELFI, Certificat de Connaissance en Langues Étrangères Niveau: Utilisateur Indépendant B2