Nantia Makrynioti

Postdoctoral Researcher - Software Engineer

Olympiaplein 83-2, 1077CS,
Amsterdam NL
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WORK EXPERIENCE

Postdoctoral Researcher
Jan 2020 - Present, Amsterdam (NL)

CWI
Database Architectures Group

Software Engineer
Sep 2016 - Aug 2018, Atlanta (USA)

LogicBlox
Analytics Team

Internship
May 2016 - Aug 2016, Atlanta (USA)

LogicBlox
Analytics Team

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

EDUCATION

PhD Student
2013 - 2019, 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)

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PUBLICATIONS

IEEE TKDE (to appear)

Declarative Data Analytics: a Survey
Nantia Makrynioti and Vasilis Vassalos

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 Poulopoulos 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

PREPRINTS

CoRR abs/1907.12415 (2019)

sql4ml A declarative end-to-end workflow for machine learning
Nantia Makrynioti, Ruy Ley-Wild and Vasilis Vassalos
https://arxiv.org/abs/1907.12415

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

Undergraduate courses   Databases (2019), Web Application Development (2018), Introduction to Programming (2013, 2014, 2015, 2016), Design and Analysis of Algorithms (2014)

Graduate courses   Theory and Fundamentals of Database Systems (2017)

SKILLSET

Programming Languages   Java, Python, Haskell, PHP, C, C++, Javascript

Databases   MySQL, PostgreSQL, LogicBlox

Machine Learning   Tensorflow, Weka, Liblinear

Big Data Frameworks   Spark

Miscellaneous   HTML, CSS, XML, JPA, Hibernate, UML

LANGUAGES

English   Certificate of Proficiency University of Cambridge, Certificate of Proficiency University of Michigan

French   DELF 1, Certificat de Connaissance en Langues Étrangéres Niveau: Utilisateur Independant B2