Victor Giannakouris

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EDUCATION

Ionian University, Corfu, Greece

- BSc. Informatics   Sep 2012- May 2017
  - Thesis: : Optimization of Distributed SQL Query Execution Over Multiple-Engine Environments
  - Advisor: Prof. Dimitrios Tsoumakos
  - Cumulative GPA: 7.61 / 10 (ranked 3rd, top 20%)

EXPERIENCE

BEAT, Athens

- Big Data Software Engineer   Aug 2017 – Present

Computing Systems Laboratory (CSLab), NTUA, Greece

- Researcher   Aug 2015 – Aug 2017
  - Research and development on Big Data Management, Databases and MultiEngine Analytics.
  - Participation in the EU Funded Project ASAP(A Scalable Analytics Platform)

isMOOD Data Technology Services

- Software Engineer   Apr 2014 – Aug 2015
  - Data Collection, development & optimization of web crawlers/spiders

Microsoft Hellas

- Student Partner   Sep 2013 – Sep 2014
  - Presentations at Ionian University about Microsoft .NET technologies.
  - I developed 2 Windows Phone and 2 Windows 8 applications.

PUBLICATIONS

JOURNALS

[1] X. Evangelopoulos, <u>V. Giannakouris</u>, L. Iliadis, C. Makris, Y. Plegas, A. Plerou, S. Sioutas, "Evaluating Information Retrieval using Document Popularity: A case study using MapReduce," *Engineering Applications of Artificial Intelligence*, vol. 89, no. 2, pp. 4123–4133, Feb 2008.

CONFERENCES

[1] <u>V. Giannakouris</u>, N. Papailiou, D. Tsoumakos,and N. Koziris, "MuSQLE: Distributed SQL Query Execution Over Multiple-Engine Environments," in *In proceedings of the 2016 IEEE International Conference on Big Data (BigData 2016)*, Washington, DC, USA, Dec 2016.

[2] K. Doka, N. Papailiou, <u>V. Giannakouris</u>, D. Tsoumakos and N. Koziris, "Mix 'n Match Multi-Engine Analytics,," in *In proceedings of the 2016 IEEE International Conference on Big Data (BigData 2016)*, Washington, DC, USA, Dec 2016.

[3] K. Doka, M. Filatov, <u>V. Giannakouris</u>, V. Kantere, N. Koziris, C. Mantas, N. Papailiou, V. Papaioannou and D. Tsoumakos, "Optimizing, Planning and Executing Analytics Workflows over Multiple Engines.," in *1st International Workshop on Multi-Engine Data AnaLytics (MEDAL 2016)*, Bordeaux, France, Dec 2016.

[4] N .Papailiou, K. Doka, <u>V. Giannakouris</u>, V. Papaioannou, D. Tsoumakos and N. Koziris, "Robust and Adaptive Multi-Engine Analytics using IReS (demo paper)," in *10th International Workshop on Enabling Real-Time Business Intelligence (BIRTE 2016), in conjunction with the VLDB Conference*, New Delhi, India, Mar 2016.

[5] <u>V. Giannakouris</u>, A. Plerou, and S. Sioutas, "CSMR: A Scalable Algorithm for Text Clustering with Cosine Similarity and MapReduce," in *10th International Conference on Artificial Intelligence Applications and Innovations*, Rhodes, Greece, Sep 2014.

PRESENTATIONS - TALKS

- Hellenic Data Management Symposium (HDMS) 2017, Athens, Greece   Dec 2016
  Distributed SQL Query Execution over Mutli-Engine Environments.
- IEEE Big Data 2016, Washington, DC, USA   Aug 2017
  Distributed SQL Query Execution over Mutli-Engine Environments.

AWARDS & SCHOLARSHIPS

- IEEE BigData 2016, Student Travel Award   2002 – 2005
  For publishing two full-papers(10 pages) in the research-track.

LANGUAGES

- **English** (fluent), **Greek** (native)

CERTIFICATIONS	▪ CS190.1x: Scalable Machine Learning	edX - BerkeleyX
	▪ CS100.1x: Introduction to Big Data with Apache Spark	edX - BerkeleyX
	▪ MAS.S69x: Big Data and Social Physics	edX - MITx
	▪ HAISS 2013 – LEARNING (AI)	EETN - Ionian University

SKILLS

- **Programming Languages:** Java, Scala, Python, SQL, C
- **Databases - Stores:** Hive, Elasticsearch, MongoDB, MemSQL
- **Data Management - Analytics:** Spark, Hadoop, Mahout, scikit-learn
- **REST/Web:** Django, Flask
- **Cloud Computing:** OpenStack
- **Software Development:** Agile, Scrum
- **Other:** Git, SSH, Ganglia, Prometheus