

Curriculum Vitae

Personal Data

Full Name: Georgia K. Kougka

Address: Dept. of Informatics, Aristotle University of Thessaloniki, 541 24, Thessaloniki, Greece

Date of Birth: 18th of April, 1988

Place of Birth: Thessaloniki

Marital Status: Unmarried

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Education

2012 – Present Ph.D. Candidate, Dept. of Informatics, Aristotle University of Thessaloniki, Greece.

2010 – 2012 M.Sc., Dept. of Informatics, Aristotle University of Thessaloniki, Greece.

2006 – 2010 B.Sc., Dept. of Informatics, Ionian University, Greece.

Scholarships

Scholarship from the National Strategic Reference Framework (NSRF) – Research Funding Program: Thales, 2012 – 2015.

Languages

English Examination for the Certificate of Proficiency in English (ECPE), University of Michigan.

Greek Native Speaker.

Working and Teaching Experience

02/2016 – 04/2016 Research Associate:

- Research in Data Flow Optimization.
- Humboldt-Universität zu Berlin, Berlin.

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| 11/2015 – 02/2016 | Teaching Assistant: • Undergraduate course “Databases”. • 5 th Semester, Dept. of Informatics, Aristotle University |
| 11/2014 – 02/2015 | Teaching Assistant: • Undergraduate course “Databases”. • 5 th Semester, Dept. of Informatics, Aristotle University |
| 11/2013 – 02/2014 | Teaching Assistant: • Undergraduate course “Databases”. • 5 th Semester, Dept. of Informatics, Aristotle University of Thessaloniki, Greece. |
| 11/2012 - 02/2013 | Teaching Assistant: • Undergraduate course “Databases”. • 5 th Semester, Dept. of Informatics, Aristotle University of Thessaloniki, Greece. |
| 01/2012 – 12/2012 | Research Associate: • Developer in Para-Mare Tourism research program. • Cyprus University of Technology, Cyprus. |

Publications

2016

7. Georgia Kougka and Anastasios Gounaris: **Cost-based optimization of data flows based on task re-ordering**. *Submitted for publishing*
6. Georgia Kougka, Anastasios Gounaris and Alkis Simitzis: **The Many Faces of Data-centric Workflow Optimization: A Survey**. *Submitted for publishing*
5. Anastasios Gounaris, Georgia Kougka, Ruben Tous, Carlos Tripana, and Jordi Torres: **Dynamic Configuration of Partitioning in Spark Applications**. *Submitted for publishing*

2015

4. Georgia Kougka, Anastasios Gounaris and Kostas Tsihlias: **Practical Algorithms for Execution Engine Selection in Data Flows**. *Future Generation Computer Systems: Volume 45, April 2015, Pages 133-148*

2014

3. Georgia Kougka and Anastasios Gounaris: **Optimization of Data-intensive Flows: Is it Needed? Is it Solved?** *DOLAP 2014: 95-98*

2013

2. Georgia Kougka and Anastasios Gounaris: **Declarative expression and optimization of data-intensive flows**. *DAWAK 2013: 13-25*

2012

1. Georgia Kougka and Anastasios Gounaris: **On optimizing workflows using query processing techniques**. *SSDBM 2012: 601-606 (poster session)*