

ANNA-VALENTINI MICHAILIDOU

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Education

- **Ph.D. Student** 2018 – Present
Department of Informatics, Aristotle University of Thessaloniki
- Research field: « Workflow Data Management »
- **B.Sc. Studies** 2014 - 2018
Department of Informatics, Aristotle University of Thessaloniki
- Specialization: Information Systems
- Thesis: « Data Analytics in Geo-Distributed Data Centers »
- GPA: 8.87/10 «Excellent»

Languages

- English: Certificate of Competency in English, 2011 University of Michigan
- Greek: Native Speaker

Publications

- [4] Sonia Cisneros-Cabrera, Anna-Valentini Michailidou, Sandra Sampaio, Pedro Sampaio, Anastasios Gounaris: Experimenting with Big Data Computing for Scaling Data Quality-Aware Query Processing. Expert Systems with Applications. 2021.
- [3] Theodoros Toliopoulos, Nikodimos Nikolaidis, Anna-Valentini Michailidou, Andreas Seitaridis, Anastasios Gounaris, Nick Bassiliades, Apostolos Georgiadis, and Fotis Liotopoulos: Developing a real-time traffic reporting and forecasting back-end system. RCIS2020 – The 14th International Conference on Research Challenges in Information Science
- [2] Anna-Valentini Michailidou, Anastasios Gounaris: A fast solution for bi-objective traffic minimization in geo-distributed data flows. IDEAS2019 – 23rd International Database Engineering & Applications Symposium
- [1] Anna-Valentini Michailidou, Anastasios Gounaris: Bi-objective traffic optimization in geo-distributed data flows. Big Data Research, Volume 16, 2019

Research Activities

- **DataflowOpt** (Project : 96196) 2020 – Present
-Goal: Development of dataflow optimization techniques.
- **Rainbow** (Project : 99169) 2020 – Present
-Goal: Development of an open, reliable cloud computing platform for the

development, orchestration and management of scalable, heterogeneous and secure IOT services and cloud applications.

- **Sboing4real** (Project : 95666) 2018 – 2020
- Goal: Development of crowdsourcing technologies for geo-social networking and advanced real-time satellite navigation.

Technical Skills

- Operating Systems: Windows, Ubuntu Linux
- Programming Languages: Scala, Matlab, Python, C/C++, Java
- Databases: SQL, MongoDB, Apache Hive
- Frameworks: Hadoop MapReduce, Apache Spark, Apache Storm