Ioannis A. Mytilinis

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EDUCATION

PhD Student in the National Technical University of Athens (NTUA) (2013-present)
Thesis: *Algorithms and Techniques for Large Scale Approximate Query Processing*
Advisor: Prof. Nectarios Koziris
Research Interests: Stream Processing, Heterogeneous Computing, Approximate Query Processing, Large Scale Data Management, Blockchain

Diploma in Electrical and Computer Engineering, NTUA (2012) – Grade: 8.04/10
Thesis: *A Distributed Storage System for Social Network Information*
Advisor: Prof. Nectarios Koziris

1st ACM Europe Summer School on **Data Science and Big Data** (2017)

Linux Foundation Certified **System Administrator** (2018)

EXPERIENCE

Researcher at Computing Systems Laboratory, NTUA (2012-present)

Research Intern, IBM, T.J. Watson Research Center, NY (Summer 2017)

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Funded research projects:
- Past: MoDisSENSE, CELAR, CLARIN-EL, ASAP
- Current: E2DATA, Data Sovereignty through the use of Blockchain

Teaching assistant in various courses (Introduction to Programming, Operating Systems, Advanced Database Systems, Distributed Systems)

Reviewer at several international conferences

PUBLICATIONS

I. Mytilinis, D. Tsoumakos and N. Koziris:**Scaling the construction of wavelet synopses for maximum error metrics**. TKDE 2018

I.Mytilinis, C. Bitsakos, K. Doka, I. Konstantinou and N. Koziris: **The Vision of a HeterogeneRous Scheduler**. CloudCom/XtremeCloud 2018.

I. Mytilinis, D. Tsoumakos and N. Koziris:**Distributed Wavelet Thresholding for Maximum Error Metrics.** SIGMOD/PODS 2016.

I. Mytilinis, I. Giannakopoulos, I. Konstantinou, K. Doka, D. Tsitsigkos, M. Terrovitis, L. Giampouras and N. Koziris:**MoDisSENSE: A Distributed Spatio-Temporal and Textual Processing Platform for Social Networking Services.** SIGMOD/PODS 2015.

I. Mytilinis, D. Tsoumakos, V. Kantere, A. Nanos and N. Koziris:**I/O Performance Modeling for Big Data Applications over Cloud Infrastructures**. IC2E 2015.

I. Konstantinou, D. Tsoumakos, I. Mytilinis and N. Koziris: **DBalancer: Distributed Load Balancing for NoSQL Data-stores.** SIGMOD/PODS 2013.

AWARDS

2016 NTUA Thomaidion Award for outstanding publications in scientific journal or conference proceedings.

TECHNICAL SKILLS	**Languages & Software:** JAVA, C, C++, Python, Scala, Ocaml, SQL, UNIX-Linux bash scripting, Docker, Kubernetes, eucatools, REST, Git, Maven
	Databases: PostgreSQL, MySQL, HBase, Cassandra, MonetDB, MongoDB
	Distributed Programming Frameworks: Hadoop, Spark, Flink, Hama, Giraph, Mahout
COMMUNITY SERVICE	Ministry of National Defense-Hellenic Navy – **Military service** (2008-2009)
FOREIGN LANGUAGES	*English*: Certificate of Proficiency, IELTS: 7.5 *French*: Sorbonne II (Assez Bien)