

Dimosthenis Masouros

ELECTRICAL AND COMPUTER ENGINEER · NATIONAL TECHNICAL UNIVERSITY OF ATHENS

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Education

NTUA (National Technical University of Athens)

2016 - present

PH.D. STUDENT OF THE MICROPROCESSORS AND DIGITAL SYSTEMS LABORATORY OF ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

NTUA (National Technical University of Athens)

2016

GRADUATE STUDENT OF ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT WITH GRADE 7.86/10

PhD Thesis

Fine-grained predictive resource management for scalable and interference aware cloud workloads.

SUPERVISOR: DIMITRIOS SOUDRIS, ASSOCIATE PROFESSOR NTUA

Work Experience

Institute of Communication and Computer Systems (ICCS)

2016 - present

RESEARCH ASSOCIATE

- Participation in the Horizon 2020 European Project: AEGLE “An analytics framework for integrated and personalized healthcare services in Europe”. Development of Cloud infrastructure for Big Data analytics on Azure cloud service.

G&B Marketing

2012 - present

EXTERNAL PATTERN - WEB DEVELOPER

- Development of web applications and website design.

Mythos Brewery

2013 - 2014

EXTERNAL PATTERN - DESIGNER

- Design of advertising brochures using Adobe Photoshop and Adobe Illustrator.

Seminars & Summer Schools

2017	HiPEAC Student Heterogeneous Programming Challenge , Accelerating k-means algorithm	Zagreb, Croatia
2017	Seeds for the future program , Huawei Technologies Co.	Beijing, China
2016	2nd Pandora Summer School , Progression and Diversity of Reconfigurable Architecture and Tools, Karlsruhe Institute of Technology, KIT	Karlsruhe, Germany
2012	Social Media Marketing , Anodiki Poreia - Company Consultants	Athens, Greece

Technical Skills

Programming Languages

C, PYTHON, BASH, JAVASCRIPT, MYSQL, PHP

Operating Systems

LINUX, MICROSOFT WINDOWS, MAC OS

Miscellaneous

DOCKER, KUBERNETES, HADOOP, L^AT_EX, ADOBE PHOTOSHOP, MICROSOFT OFFICE, MICROSOFT VISIO, HTML CSS

Languages

English

FIRST CERTIFICATE IN ENGLISH, UNIVERSITY OF CAMBRIDGE

2003

German

MITTELSTUFE DEUTSCH, ÖSTERREICHISCHEN SPRACHDIPLOMS DEUTSCH

2004

French

DIPLOME D'ÉTUDES EN LANGUE FRANÇAISE 1ER DEGRÉ (DELF), *Ministère de l'Éducation nationale de la République française*

2003

Greek

MOTHER TONGUE

Publications

Peer Reviewed Journals

- Tsoutsouras, V., Anagnostopoulos, I., Masouros, D., & Soudris, D. (2018). A Hierarchical Distributed Runtime Resource Management Scheme for NoC-Based Many-Cores. *ACM Transactions on Embedded Computing Systems (TECS)*, 17(3), 65.
- Tsoutsouras, V., Masouros, D., Xydis, S., & Soudris, D. (2017). SoftRM: Self-Organized Fault-Tolerant Resource Management for Failure Detection and Recovery in NoC Based Many-Cores. *ACM Transactions on Embedded Computing Systems (TECS)*, 16(5s), 144.

International Conferences

- Masouros, D., Bakolas, I., Tsoutsouras, V., Siozios, K., & Soudris, D. (2017, September). From edge to cloud: Design and Implementation of a Healthcare Internet of Things Infrastructure. In *Power and Timing Modeling, Optimization and Simulation (PATMOS)*, 2017 27th International Symposium on (pp. 1-6). IEEE.
- Koliogeorgi, K., Masouros, D., Zervakis, G., Xydis, S., Becker, T., Gaydadjiev, G., & Soudris, D. (2017, July). AEGLE's Cloud Infrastructure for Resource Monitoring and Containerized Accelerated Analytics. In *VLSI (ISVLSI)*, 2017 IEEE Computer Society Annual Symposium on (pp. 362-367). IEEE.