

Iacovos G. Kolokasis

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Interests

- Parallel and Distributed Systems
- Large Scale Data Management
- High-Performance Data Analytics
- Memory and Storage Systems Frameworks

Professional Experience

- June 2019 to September 2019 **Intern**, *SAP HANA Vora Research & Development Team*, Walldorf, Germany.
- September 2017 to present **Graduate Research Assistant**, *CARV ICS-FORTH*, Heraklion, Crete, Greece.
The Use of Non-volatile memories on big data analytics engines
Scheduling and Data Placement for High-Performance Graph Analytics.
- January 2017 to September 2017 **Undergraduate Research Assistant**, *CARV ICS-FORTH*, Heraklion, Crete, Greece.
Locality Optimizations Distributed Graph Analytics Computations.

Education

- September 2017 to present **MSc**, *Computer Science Department, University of Crete*, Heraklion, Crete, Greece.
- September 2011 to July 2017 **B.Sc.**, *Computer Science Department, University of Crete*, Heraklion, Crete, Greece.
○ Thesis Topic: Locality Optimizations Distributed Graphs Analytics Computations
○ Supervisor: Polyvios Pratikakis

Publications

Full Papers

Iacovos G. Kolokasis and Polyvios Pratikakis. Cut to Fit: Tailoring the Partitioning to the Computation. 2nd Joint International Workshop on Graph Data Management Experiences & Systems (GRADES) and Network Data Analytics (NDA), June 30-July 2019, Amsterdam, Netherlands.

Technical Reports

Iacovos G. Kolokasis and Polyvios Pratikakis. Cut to Fit: Tailoring the Partitioning to the Computation.

Financial Support



April 2019 to May 2019	Graduate Scholarship supported by the european research project EVOLVE.
22 September 2018 to 29 September 2018	My participation to Heidelberg Laureate Forum supported by SAP grand.
March 2018 to March 2019	Graduate Scholarship supported by the european research project EUROEXA.
July 2017 until October 2017	Undergraduate Scholarships supported by the european research project EUROEXA.
Sept 2012 until September 2013	My second year on the university was supported by fellowships "Stelios Orphanoudakis".

Awards

July 2009	First Place on a Programming contest organized by Cyprus Telecommunication Organization. (CYTA).
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Attended Conferences, Workshops & Summer schools

GRADES-NDA '19	Amsterdam, Netherlands, June 2019.
CSW Autumn '18	Heraklion, Crete, Greece, October 2018.
6th HLF '18	Heidelberg, Germany, September 2018 .
ACACES '18	Fiuggi, Italy, July 2018.
7th YSC '18	Heraklion, Crete, Greece, July 2018.

Teaching Experience

Fall 2018	Teaching Assistant in Introduction to Computer Science (CS-100) , <i>Computer Science Department, University of Crete, Heraklion, Crete, Greece.</i> Professor: Polyvios Pratikakis <ul style="list-style-type: none">○ Assignments design with the professor and another TA○ Answering students questions about the assignments○ Marking assignments submissions and examination scripts
Spring 2018, 2019	Teaching Assistant in Parallel Computing (CS-342) , <i>Computer Science Department, University of Crete, Heraklion, Crete, Greece.</i> Professor: Polyvios Pratikakis <ul style="list-style-type: none">○ Hands on lecture about Performance and Evaluation on Parallel systems○ Hands on lecture about programming in Scala○ Marking project submissions and examination scripts○ Answering students questions

Spring 2018 **Teaching Assistant in Data Structures (CS-240)**, *Computer Science Department, University of Crete, Heraklion, Crete, Greece.*

Professor: Panagiota Fatourou

- Project co-design with the professor and another TA
- Answering students questions about the project
- Marking project submissions and examination scripts

Fall 2017 **Teaching Assistant in Digital Design (CS-120)**, *Computer Science Department, University of Crete, Heraklion, Crete, Greece.*

Professor: Manolis Katevenis

- Responsible for two hour laboratories where undergraduate students learn the basics of digital design and implement a simple processor
- Marking assignments and examination scripts

Languages

Greek **Native Language**
English **C2 Level**
French **A2 Level**

IGCSE O Level Certificate: Pass with Grade B