

# THOMAS KARAMPELAS

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## EXPERIENCE

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**Hellenic Army Information Technology Support (KEPYES)** December 2016 – August 2017  
*Database Administrator* Athens, AT, GR

**Madgik Group** May 2015 – October 2016  
*Research Associate / Software Engineer* Athens, AT, GR  
Research on node-centric graph systems.

**European Organisation for Nuclear Research (CERN)** September 2012 – August 2013  
*Technical Student* Geneva, GE, CH  
Back-End software development in the author disambiguation team of [INSPIRE](#). Contributed both to backend and logic - Substantial refactoring/documenting of existing code.

## EDUCATION

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**Master of Science, Computer Systems Technology**, GPA - 9.72 2013 – 2016  
University of Athens, Department of Informatics & Telecommunications  
*Thesis*: "Lakon: Accelerating node-centric model for graph processing by preventing the propagation of false information."  
*Advisor*: Yannis Ioannidis ([yannis@di.uoa.gr](mailto:yannis@di.uoa.gr))

**Bachelor of Science, Computer Science**, GPA - 7.92 2007 – 2013  
University of Athens, Department of Informatics & Telecommunications  
*Thesis*: "Graph processing using sub-graph pattern matching."  
*Advisor*: Yannis Ioannidis ([yannis@di.uoa.gr](mailto:yannis@di.uoa.gr))

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Java, C/C++, Python, Bash, PHP, Prolog/Datalog, Haskell
<b>Databases and Tools</b>	SQL (MySQL, SQLite, Oracle), NoSQL (MongoDB)
<b>Operating Systems</b>	Linux, Unix-like operating systems, Windows
<b>Version Control Systems</b>	Git, Mercurial
<b>Big Data Systems</b>	Apache Giraph
<b>Other</b>	L <sup>A</sup> T <sub>E</sub> X, TikZ, GNU Make, Gradle, OpenMP

## LANGUAGES AND CERTIFICATES

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<i>Greek</i> (native), <i>English</i> (fluent), <i>French</i> (decent), <i>Italian</i> (basic)	
DELTA, diplome d'études en langue française 1er degré	2004
Certificate of Proficiency in English, University of Michigan	2006
Certificate of Attendance A2 level courses, University of Lugano	2012

## ACTIVITIES

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**Teaching Assistant** 2013 – 2015  
University of Athens - Dept. of Informatics & Telecommunications

## EXTRA-CURRICULAR ACTIVITIES

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[Reading](#), Music, Movies/TV Shows, Playing/Attending sports, Travelling ([My travel map](#))