THOMAS KARAMPELAS

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EXPERIENCE

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

- Design of database schemas, data modeling, data curating and performance tuning

- Development and maintenance of both PL/SQL and stored procedures

- Security management of databases, as well as database migration management

Technologies used: Oracle RDBMS 11gR2, Oracle Discoverer, Oracle Enterprise Manager, MySQL/Mariadb, Monyog

Madgik Group   May 2015 – October 2016
Research Associate / Software Engineer   *Athens, Greece*

- Research on node-centric graph systems

- Implementation of an in memory graph processing system containing our novel ideas on the field

Technologies used: Java, C++, Git, Gradle, Apache Giraph, various graph processing systems

European Organisation for Nuclear Research (CERN)   September 2012 – August 2013
Technical Student   *Geneva, Switzerland*

- Back-End software development in the author disambiguation team of INSPIRE. Contributed both to backend and application logic

- Substantial refactoring/documenting of existing code

Technologies used: Python, MySQL, Bash, Git

EDUCATION

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)

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)

TECHNICAL SKILLS

Programming Languages	Java, C/C++, Python, Bash, PHP, Prolog/Datalog
Databases and Tools	SQL (MySQL, SQLite, Oracle), NoSQL (Graph Databases)
Operating Systems	Linux, Windows
Version Control Systems	Git, Mercurial
Editors and IDEs	IntelliJ IDEA, Eclipse, CLion, Pycharm, PHPStorm
Big Data Systems	Apache Giraph
Other	LaTeX, TikZ, GNU Make, Gradle, OpenMP

LANGUAGES AND CERTIFICATES

Greek (native), *English* (fluent), *French* (decent), *Italian*(basic)
DELF, diplome d'etudes en langue francaise 1er degre   2004
Certificate of Proficiency in English, University of Michigan   2006
Certificate of Attendance A2 level italian courses, University of Lugano 2012

ACTIVITIES

Teaching Assistant
Labs - Assignment Design - Grading
Cources: Design and Applications of Databases, System Programming, Operating Systems
University of Athens - Dept. of Informatics & Telecommunications   2013 – 2015

EXTRA-CURRICULAR ACTIVITIES

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