Curriculum Vitae · Yannis Stavrakas

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Education

- **PhD in Informatics**, National Technical University of Athens, 2003. Title: «Multidimensional Semistructured Data». Supervisor: Prof. Timos Sellis.
- **M.Sc. with Distinction in Computer Science**, University College London, 1992. Title: «Design and Implementation of an Object-Oriented Bibliographical Database in C++». Supervisor: Dr. Nigel Chapman.
- **Diploma in Physics**, University of Athens, 1989.

- **Data Science**[1], 10-course specialization by Johns Hopkins University on Coursera, 2017.
- **Executive Data Science**[2], 5-course specialization by Johns Hopkins University on Coursera, 2017.
- **Statistical Learning**[3], online course by Stanford University, 2016.

- **Languages**: Greek (native), English (excellent), French (good), Spanish (elementary).

Professional Experience

RESEARCH
- **Research Director**, Information Management Systems Institute, "Athena" Research Center, December 2018 - today.
- **Principal Researcher**, Information Management Systems Institute, "Athena" Research Center, March 2012 – November 2018.
- **Assistant Researcher**, Information Management Systems Institute, "Athena" Research Center, September 2007 - February 2012.
- **Postgraduate Researcher**, Knowledge and Database Systems Laboratory, National Technical University of Athens, 2003-2007.
- **Research Associate**, Software and Knowledge Engineering Laboratory, National Center for Scientific Research "Demokritos", 1998-2003.

TEACHING
- **Adjunct Professor**, University of Central Greece, 2005-2006.
- **Adjunct Professor**, University of Thessaly, 2004-2005.

INDUSTRY
- **Consultant** for the Ministry of Transport and Communication, 2005-2008.
- **Software Engineer** and technical manager, Epsilon Software SA, 1993-1997.

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[1] https://www.coursera.org/account/accomplishments/specialization/5QRBH26F6ZM6
[2] https://www.coursera.org/account/accomplishments/specialization/UMWETZZ6MRGB
[3] https://verify.lagunita.stanford.edu/SOA/0919b3e997e1438fbbcba000c6f9847d

Projects and Fund-raising

RESEARCH AND INNOVATION PROJECTS

Key role in many **EU-funded** and **Nationally funded** ICT research projects.

Examples:

- **Diachron**, EU-funded FP7-IP, 2013-2016. Scientific Coordinator for the "Athena" R.C. http://www.diachron-fp7.eu/
- **RealEstate2.0**, Nationally funded ("SYNERGASIA"), 2013-2015. Scientific Coordinator of the project. https://web.imsi.athenarc.gr/projects/realestate2.0/

COMMERCIAL PROJECTS

Key role in many **ICT commercial projects**.

Examples:

- **Implementation of the Digital Tachograph in Greece**, Ministry of Transport and Communication, 2005-2008. Technical consultant.
- **Papasotiriou e-Bookstore**, the first e-commerce application in Greece, 1997. Main developer.

Publications

More than 60 publications in international peer-reviewed Journals and Conferences, mainly in the research areas of:

- **Web Technologies** (Semantic Web, Web data evolution, context representation and querying)
- **Social Network Data Analysis** (recommender systems, modeling and querying, focused crawling, graph similarity algorithms).

Other Facts

- **Co-organized** 9 Conferences / Workshops.
- **Participated** in 31 Conference / Workshop Program Committees.
- **Supervised** many Diploma Theses and PhD candidates.
- **Evaluation** of research proposals submitted to various National calls - member of Evaluation Committees.
- **Reviewer** of Nationally funded research projects.

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