

# CURRICULUM VITAE

## PERSONAL INFORMATION

Full Name

**CHLIAOUTAKIS ANGELOS**

Software Engineer  
Laboratory of Geophysical – Satellite Remote and Archaeo-environment,  
FORTH/IMS, Rethymno, Crete, Greece

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## EDUCATION

- |      |   |
|------|---|
| Now  | PhD candidate in Computer Engineering (M.Eng.)<br>Technical University of Crete, Greece, Department of Electronic and Computer Engineering  |
| 2009 | MSc in Computer Engineering (M.Eng.)<br>Technical University of Crete, Greece, Department of Electronic and Computer Engineering<br><br><i>Automatic term indexing in medical text corpora and its applications to consumer health informaton systems</i> |
| 2005 | Diploma in Computer Engineering<br>Technical University of Crete, Greece, Department of Electronic and Computer Engineering<br><br><i>Semantic Similarity Measures on MeSH ontology and their Application to Information Retrieval in Medline</i>         |

## RESEARCH & TEACHING ACTIVITIES

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| Nov 2010 – Now      | Research assistant in the laboratory of Geophysical – Satellite Remote and Archaeo-environment, database design and management , web applications and Geographical Information Systems (GIS) |
| Nov 2005 – Now      | Research assistant in the laboratory of <i>Intelligent Systems Laboratory of TUC</i>   |
| Nov 2005 - Aug 2006 | Research in <i>Biopattern Network of Excellence</i>  |
| Nov 2005 - Feb 2006 | Teaching assistant in course of <i>Multimedia Data Management</i>  |
| Nov 2006 - Feb 2007 | Teaching assistant in course of <i>Theory of Computation</i>   |
| Mar 2007 - Aug 2007 | Teaching assistant in course of <i>Data Structures and Algorithms</i>  |
| Dec 2007 - Feb 2008 | Teaching assistant in course of <i>Theory of Computation</i>   |

## OTHER KNOWLEDGE

### COMPUTER – INFORMATICS

- Operating Systems: MS Windows, Unix
- Programming Languages: Pascal, Visual Basic, Prolog, C, Java, F#, ASP, PHP, HTML, XML, JSP, Javascript, Actionscript, Flash CS3, HTML, VRML
- CAD tools: Altera Max Plus, Electric, Matlab
- Database management: Microsoft SQL Server, MySQL, PostgreSQL, DB2, Oracle
- Image processing: Adobe Photoshop, CorelDraw
- Desktop tools: Microsoft Office, Microsoft Visual Studio, Macromedia Studio, Autodesk 3ds Max, Adobe Flash

## PUBLICATIONS

- 2011 Angelos Hliaoutakis, Euripides G.M.Petrakis, "[Automatic Term Identification by User Profile for Document Categorization in Medline](#)", 15th Intern. Conference Applications of Natural Language to Information Systems (NLDB'2011), Alicante, Spain, June 28-30, 2011, pp. 230-233, Springer-Verlag vol. LNCS 6716 (short paper).
- 2009 Hliaoutakis A., Zervanou K., Petrakis E. : [The AMTEEx Approach in the Medical Document Indexing and Retrieval Application, Data and Knowledge Engineering \(DKE\)](#), Volume 68, Issue 3, March 2009, Pages 380-392.
- 2007 Hliaoutakis A., Zervanou K., Petrakis E. : [Medical Document Indexing and Retrieval: AMTEEx vs. NLM MMTx](#), 12th International Symposium for Health Information Management Research, 18-20 July 2007, Sheffield, UK.
- 2006 Petrakis E., Varelas G., Hliaoutakis A., Raftopoulou P.: [Design and Evaluation of Semantic Similarity Measures for Concepts Stemming from the Same or Different Ontologies](#), 4th Workshop on Multimedia Semantics (WMS'06), Chania, Crete, Greece, June 19-21, 2006, pp. 44-52.
- Angelos Hliaoutakis, Giannis Varelas, Euripides G.M. Petrakis, Evangelos Milios: [MedSearch: A Retrieval System for Medical Information Based on Semantic Similarity](#), 10th ECDL European Conference on Research and Advanced Technology for Digital Libraries (ECDL'2006), September, 17-22, 2006. Alicante, Spain.
- Euripides G.M. Petrakis, Giannis Varelas, Angelos Hliaoutakis, Paraskevi Raftopoulou: [X-Similarity: Computing Semantic Similarity between Concepts from Different Ontologies](#), Journal of Digital Information Management (JDIM), December 2006.
- Angelos Hliaoutakis, Giannis Varelas, Epimenidis Voutsakis, Euripides G.M. Petrakis, Evangelos Milios: [Information Retrieval by Semantic Similarity](#), Journal on Semantic Web and Information Systems (JISWIS), Special Issue of Multimedia Semantics, Vol. 3, No. 3, July/September, 2006, pp. 55-73, Copyright 2006, Idea Group Inc. [www.idea-group.com](http://www.idea-group.com).
- Angelos Hliaoutakis, Kalliopi Zervanou, Euripides G.M. Petrakis, Evangelos Milios: [Automatic Document Indexing in Large Medical Collections](#), ACM International Workshop on Health Information and Knowledge Management (HIKM 2006), November 11, 2006, Arlington, VA, USA.