

Curriculum Vitae

Irini Genitsaridi

PERSONAL INFORMATION

Date of Birth 1/3/1987
Place of Birth Heraklion Crete, Greece
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EDUCATION

2009-2011 M. Sc. in Computer Science, University of Crete, Greece
Scientific Areas: Information Systems, E-commerce Technologies
Thesis: An Authorization Language in Ambient Intelligence Environments (DEAL).
Supervisor: Professor Grigoris Antoniou
M. Sc. courses' grade point average: 8.64 on a scale of 10 (**Excellent**)

2004-2009 B. Sc. in Computer Science Department, University of Crete
Thesis: Constructing the Canonical Model of a Mediator Scheme using a Tableau
Supervisor: Irini Fudulaki, Researcher in [Institute of Computer Science of FORTH](#)
B. Sc. graduation grade: 7.88 on a scale of 10 (**Very Good**)

2001-2004 High school of Gazi, Heraklion Crete, Greece

SCHOLARSHIPS

2009-2011 Scholarship from the Institute of Computer Science of FORTH

RESEARCH AND PROGRAMMING EXPERIENCE

2011-2012 Research and Development on Electronic Health Record Systems as Technical Staff at [Computational Medicine Laboratory](#) in Institute of Computer Science of FORTH

2011-2012 Database design and front-end development of a Web System for e-commerce. Programming Languages: **JAVA, Cloud Computing, Spring, XML, JSP, JavaScript, HTML, CSS**

2009-2011 Research on Authorization techniques for security reasons. Development of Authorization API as an extension to a mobile application for logic-based distributed reasoning, during the completion of the *M. Sc Thesis*. Programming languages and tools: **JAVA, Prolog**

- 2008-2009 Research and development of mapping techniques from XML data to Objects and from Objects to Relational Databases, during the completion of the *B. Sc. Thesis*.
Programming languages and tools: **JAVA, JPA, XML, XPATH, MySQL**
- 2009 Modelling the business process of a *Student Registration System* for an University as project of the course “Business Process and Workflow Management Systems” (CS-565). Programming Languages: **ADONIS Business Process Management and Knowledge toolkit**
- 2009 Development of game *Digger* as project of the course “*Development of Intelligent User Interfaces and Games*” (CS-454). Programming Languages: **C++**, Allegro Lib. for 2D Graphics and **XML** for configuration.
- 2008 Development of game *Backgammon* as project of the course “*Knowledge Representation and Processing*” (CS-467). Programming Languages: **Prolog** (for Artificial Intelligence purposes) and **JAVA** (for GUI)
- 2008 Development of online *Supermarket Company* system as project of the course “*Special Topics on E-commerce*” (CS-592). Programming Languages: **C#, Web services**
- 2007 Implementation of compiler for object oriented programming language ALPHA (subset of P.L. DELTA) as project of the course “*Languages and Compilers*” (CS-340). Programming Languages: **C**
- 2007 Implementing a system for secure information exchange over a virtual private network (VPN) based on asymmetric cryptography, as project of the course “*Introduction to Secure Systems*” (CS-457). Programming Languages: **JAVA cryptography, TCP/IP JAVA Sockets**
- 2006 Implementation of the database model and user interface for a web *e-shop* system as project of the course “*Files and Databases*” (CS-360). Programming Languages: **PHP, HTML, MySQL**

TEACHING EXPERIENCE

- 2009-2011 Teaching Assistant for several courses of the Computer Science Department of University of Crete undergraduate program:
- Data Structures
 - Object Oriented Programming using JAVA (twice)
 - Computer Networks
- 2011 Education Teacher for the course *3d Animation* in the public Technical Vocational School of Heraklion, Crete

PUBLICATIONS

- August 2011 I. Genitsaridi, A. Bikakis and G. Antoniou. A Distributed Authorization Language for Ambient Intelligence. In *International Journal of Ambient Computing and Intelligence* 2011 (accepted)

LANGUAGES

Greek	verbal: native speaker	written: fluent
English	verbal: fluent	written: fluent
German	verbal: independent user	written: independent user

INTERESTS

Research Interests:

- Medical Information Management Systems
- Electronic Health Record Systems
- Knowledge Representation and Reasoning
- Ambient Intelligence
- Object Oriented Programming
- Cloud computing and Database Design

Hobbies:

- Travelling
- Tennis