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Employment details

Current employment
- Since 10/2011 Web site development of
  - http://amariae.gr,
  - http://dia-krhtikes.gr,
  - http://www.kritikomeli.com/,
  - Maintenance of www.gortyna.gov.gr.
- Technologies Used :
  - Joomla 1.5,
  - Joomla 2.5,
  - Apache (Http, Https, Apache mod_sec),
  - PHP,
  - MySQL,
  - HTML5, CSS3
  - Oracle Application Server Portal

Projects

- Autumn 2014 . Development of e-tuner. E-tuner is a web application used by musicians to detect and display the pitch of notes played on musical instruments. Web technologies that are used: HTML5, CSS3, Javascript. Frameworks: jQuery, jQueryRotate, Web Audio API.
  Live demo url: http://myapos.oncrete.gr/site/Applications/e-tuner/index.html.
  Github repository https://github.com/myapos/e-tuner .
- Autumn 2014 . Development of Greek2Greenglish. This application is for renaming filenames and directories from Greek to greenglish. The program is written in Java language and is in the form of executable jar. You can download either jar file or source code. Programming language that is used: Java.
  Github repository https://github.com/myapos/Greek2Greenglish .

- (01/09/2013~30/09/2014 **Master Thesis**) Development of Game Graphical User Interfaces for Voice Training aimed to children with Hearing Loss using Web Technologies in Real Time. A speech therapy web application for people with hearing loss.
  Implementation details:
  - Development of a web site platform, where the user can log in and practice with a collection of web-based voice games, through browser in real time. Voice is analyzed and converted to visual feedback. Each game could be played with a logo-therapy supervisor or even by user himself. Score of each game, is calculated and is sending to our web server for saving and statistic processing. In the end, user performance in the passage of time is displayed through graphs

in real time. Logo-therapy supervisor, could use these special graphs to spot possible weaknesses and modify game targets as necessary.

Technologies used:
- Eclipse,
- Java,
- MySQL,
- Apache Shiro,
- Apache Tomcat,
- Hibernate,
- MySQL,
- JavaScript,
- JSP,
- XML,
- RestEasy.

Live demo url:
http://147.52.17.225:8080/HibernateRestEasyPermissionsecurityWithTags/

- (spring 2013) Implementation of JPEG standard in Java. Effective application of several quantization tables in same image.
URL: http://users.ics.forth.gr/~pateraki/cs474/projects/cs474JPEG.html

- (spring 2013) Implementation of MPEG layer 1 encoder and decoder.Technical skills used: Matlab, Sound Processing

- (spring 2012) Modeling and analysis of a WineProducer's production system and the underlying business processes. Technical skills used: UML,SNAPT, IBM WebSphere Business Modeler, BPMN v2.0, RosettaNet Standard, BPEL, SOAP

- (spring 2012) Modeling and simulation of services of a traveling company that offers travel information to help customers plan their journeys effectively and efficiently. Technical skills used: Vensim

- (2006 **Thesis**) Study of TESLA protocol for secure data transmission and multi - cast systems an implementation with language Java

Others projects

Speed control of DC motor using fuzzy logic. An application for controlling speed of DC motor using PIC 16877A micro-controller and fuzzy logic.
- Technologies used:
  - MicroC,
  - Proteus.

Volunteer work

Web site development of http://spcc.csd.uoc.gr/.
- Technical skills used:
  - HTML5,
  - CSS3,
  - Javascript.

Other work

During years (2008-2010) investment consultant for several of Greek companies funded by Ministry of Development these projects were involved in the enhancement and development of:
- Competitiveness,
- Infrastructure,
- Transport and Networks.

Education
- *2012–2014* Graduate of the MSc in Computer Science postgraduate program of the Computer Science Department at University of Crete with Specialty in Multimedia and E-Commerce.
- *1999–2006* Degree of the National Technical University of Athens (NTUA).
  Department of Electrical and Computer Engineering
  Equivalent with British Msc In Electrical and Computer Engineering

Language Knowledge
- English (Fluent working proficiency)
- Greek (Native Speaker)

Technical skills
- *Programming Languages*
  - Matlab,
  - C,
  - Java (J2SE, Eclipse, Netbeans),
  - PHP,
  - Bash,
  - Javascript,
  - HTML5, CSS3,
  - MicroC,
  - XML, UML,
  - BPMN, BPEL
- Java Frameworks
  - Apache Shiro, RestEasy, Hibernate
- *Operating Systems*
  - Unix (Ubuntu)
  - Windows (98, NT 4.0, 2000, XP, 7, Vista)
  - Android
- *Database Engines*
  - MySQL, Derby
- *Graphic- design software tools*
  - Gimp, Dia, Autocad 2005, Visual Paradigm
- *Web Servers*
  - Apache Tomcat Server, XAMPP
- *Application and modelling development environments*
  - Netbeans, Eclipse, ADONIS, Vensim, IBM WebSphere Business Modeler, PHPmyadmin, SNAPT, Vensim
- Editors – other

- Latex, Office, SOAP.

Activities
- *Memberships*
  - Member of the Hellenic Linux Users Group
- Participation in conferences
  - Participant and member of the organization team of the 1st ISCA Summer School at the University of Crete August 2014
  - Participant and member of the organization team of annual conferences with Cretan Student Society (years: 1999-2006)

Other
- No military obligations
- Driving license A1 category (motorbike), B (category) car