



Project: Development of modeling tools for critical infrastructure interdependencies assessment, STREST FP7 project: Harmonized approach to stress tests for critical infrastructures against natural hazards, development and application of a resilience optimization methodology for the critical infrastructure of the port of Thessaloniki (May 2013-April 2015). Employer: Joint Research Center, European Commission, Institute for the Protection and Security of the Citizen.

Ispira, Italy

16/11/2011 – 15/05/2013

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## **POST-DOC RESEARCHER AND DEVELOPER – Politecnico di Milano**

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Post doc researcher and developer for the European project i-Sense, Making Sense of Non-Sense, Contract No: INSFO-ICT-270428. Pattern recognition for heterogeneous signals, methodology development for exploiting redundancies of data coming from multiple sensors, fault diagnosis (Nov. 2011 - May 2013). Employer: Department of Electronics and Information, Politecnico di Milano (under the guidance of Prof. Cesare Alippi).

Milan, Italy

01/07/2010 – 30/11/2011

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## **POST-DOC RESEARCHER AND DEVELOPER – University of Patras**

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Post-doc researcher and developer for the European project AMIBIO (Automatic Acoustic Monitoring and Inventorying of Biodiversity), Grant: LIFE08 NAT/GR/000539 (July 2010 – Mar. 2013). Contributed to the proposal, responsible for the acoustic monitoring component, statistical signal processing, management of the audio database and field recordings. Chosen as the best of the best project of the LIFE+ program. Employer: Wire Communications Laboratory, Polytechnic School of the University of Patras

Patras, Greece

01/11/2014 – 30/11/2014

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## **MARIE CURIE PROPOSAL REVIEWER – Junta de Andalucia, Agenzia Andaluza del Conocimiento, Consejeria de Economia, Innovacion, Ciencia y**

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Reviewer of Marie Curie proposals for Junta de Andalucia, Agenzia Andaluza del Conocimiento, Consejeria de Economia, Innovacion, Ciencia y Empleo (Nov. 2014).

Andalusia, Spain

01/02/2007 – 31/01/2008

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## **RESEARCHER AND DEVELOPER – University of Patras**

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Researcher and developer for the Greek program LOGOS - A General Architecture for Speech Recognition and (User-Friendly) Dialog Interaction for Advanced Commercial Applications (Feb. 2007 – Jan. 2008), funded by the General Secretariat for Research and Technology of the Greek Ministry of Development. Responsible for the construction of the isolated word recognition component and exploration of a great variety of speech enhancement methodologies. Moreover, I developed a multi-dimensional signal processing algorithm on a custom-made microphone array for detecting the position of the speaker(s). Employer: Wire Communications Laboratory, Polytechnic School of the University of Patras.

Patras, Greece

01/02/2007 – 31/01/2008

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## **RESEARCHER AND DEVELOPER – University of Patras**

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Researcher and developer for the European project MoveON (Multi-modal and multisensor zero-distraction interaction interface for two wheel vehicles on the move), IST-2005- 034753, FP6 - STREP (Feb. 2007 – Jan. 2008). Responsible for the audio enhancement module towards improving the speech recognition performance (programming in C++ to develop algorithms for voice technology with respect to a real-time application). Employer: Wire Communications Laboratory, Polytechnic School of the University of Patras.

Patras, Greece

01/01/2008 – 28/02/2011

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## **RESEARCHER AND DEVELOPER – University of Patras**

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Researcher and developer for the European project PROMETHEUS (Prediction and interpretation of human behavior based on probabilistic structures and heterogeneous sensors), Grant agreement no. 214901, FP7 - STREP (Jan. 2008 – Feb. 2011). Responsible for the development of the audio event detection and recognition component. Creation of a database of

heterogeneous sensors (visual, thermal, acoustic etc.) and creation of a real-time adaptive acoustic surveillance system.  
Employer: Wire Communications Laboratory, Polytechnic School of the University of Patras  
Patras, Greece

01/01/2009 – 28/02/2011

## **RESEARCHER AND DEVELOPER – University of Patras**

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Researcher and developer for the European project PLAYMANCER (A European Serious Gaming 3D Environment), Grant agreement no. 215839, FP7 - STREP (Jan. 2009 – Feb. 2011). Responsible for the dialog management system and the feature extraction part of the emotion recognition component (programming in C++ and Matlab for improving the interaction of the user with the gaming platform). Employer: Wire Communications Laboratory, Polytechnic School of the University of Patras.

Patras, Greece

01/01/2008 – 30/04/2008

## **TEACHING ASSISTANT – University of Patras**

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Teaching Assistant under the umbrella of the European program ΕΠΕΑΚ II towards improving the undergraduate curriculum with respect to the laboratory of the Speech Technology class of the Electrical and Computer Engineering Department of the Polytechnic School of the University of Patras (construction of an integrated platform for conducting the laboratory exercises online) (Jan. 2008 – Apr. 2008).

Patras, Greece

01/02/2007 – 30/06/2010

## **LABORATORY ASSISTANT – University of Patras**

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Laboratory Assistant at the Electrical and Computer Engineering Department of the University of Patras including Speech Technology and C++ Lab. (Feb. 2007-June 2010).

Patras, Greece

01/02/1999 – 30/09/1999

## **COMPUTER TECHNICIAN – Computer Alfa**

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Computer Technician at Computer Alfa company (ACOM, Athens, Greece) (1999, duration 8 months, putting together electronic equipment, setup operating systems, etc.)

Athens, Greece

## ● **EDUCATION AND TRAINING**

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01/02/2007 – 06/07/2010 – Patras, Greece

### **DOCTOR OF PHILOSOPHY – University of Patras**

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Ph.D. in artificial intelligence, acoustic signal processing (Feb. 2007 - June 2010) at the Department of Electrical and Computer Engineering, Polytechnic School of the University of Patras under the supervision of Prof. Nikos Fakotakis, Prof. John Mourjopoulos and Prof. Evangelos Dermatas. Member of the AI Group of the Wire Communications Laboratory <http://www.wcl.ece.upatras.gr>. He was accepted 1st/11 in the postgraduate program.

EQF level 8

01/10/2001 – 07/12/2006 – Patras, Greece

### **DIPLOMA OF ELECTRICAL AND COMPUTER ENGINEERING – University of Patras**

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Diploma of Electrical and Computer Engineer (5 years), Department of Electrical and Computer Engineering, Polytechnic School of the University of Patras, Greece (2001-2006, graduated 7th/82).

EQF level 7

## ● LANGUAGE SKILLS

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Mother tongue(s): **GREEK**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>ITALIAN</b>	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DRIVING LICENCE

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Driving Licence: **B**