ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION

Academic Personnel Short Profile / Short CV

University:	Neapolis
Surname:	Tzamalis
Name:	Pantelis
Rank/Position:	Visiting Lecturer
Faculty:	School of Economics, Business and Computer Sciences
Department:	Computer Science
Scientific Domain: *	Artificial Intelligence, Machine Learning, Internet of Things, Signal Processing

* Field of Specialization

Academic qualifications (list by highest qualification)				
Qualification	**Year**	**Awarding Institution**	**Department**	**Thesis title (Optional Entry)**
PhD	2022	University of Patras	Computer Engineering and Informatics	Allergic Rhinitis Passive Detection, Assessment, and Monitoring using Artificial Intelligence of Things (AIoT) and Crowdsensing
MSc	2018	University of Patras	Computer Engineering and Informatics	Design and Development of a Crowdsourced Information System for the Detection of Allergens and Monitoring the Outbreak of Allergic Diseases
BSc	2014	University of Patras	Computer Engineering and Informatics	Social Computing Networking and Communication Case Study

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2022	2025	University of Patras	Patras, Greece	Post-doc, Senior Researcher, Engineering Manager, Tech Lead & Systems Architect
2021	2022	University of Patras	Patras, Greece	Researcher, AI Engineer, Tech Lead
2020	2020	Google LLC	USA	Contractor, Research Engineer, AI Engineer

Key *refereed* journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	**Year**	**Title**	**Other authors**	**Journal and Publisher / Conference**	**Vol.**	**Pages**
1	2024	Respiratory diseases diagnosis using audio analysis and artificial intelligence: a systematic review.	Kapetanidis, Panagiotis, Fotios Kalioras, Constantinos Tsakonas, Pantelis Tzamalis, George Kontogiannis, Theodora Karamanidou, Thanos G. Stavropoulos, and Sotiris Nikoletseas.	*Sensors, MDPI*	24	1173
2	2024	Exploring the Impact of Synthetic Data on Human Gesture Recognition Tasks Using GANs	Kontogiannis, George, Pantelis Tzamalis, and Sotiris Nikoletseas	*International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT), IEEE*		384-391
3	2023	Gestureset: Public domain dataset for human gesture recognition using wrist-worn devices: A preliminary version	Tzamalis, Pantelis, Sotiris Nikoletseas, and Paul G. Spirakis	*International Conference on Distributed Computing in Smart Systems and the Internet of Things (DCOSS-IoT), IEEE*		404-413

4	2022	End-to-end gesture recognition framework for the identification of allergic rhinitis symptoms	Tzamalis, Pantelis, Andreas Bardoutsos, Dimitris Markantonatos, Christoforos Raptopoulos, Sotiris Nikoletseas, Xenophon Aggelides, and Nikos Papadopoulos	*International Conference on Distributed Computing in Sensor Systems (DCOSS), IEEE*		25-34
5	2022	The SAINT observatory subsystem: an open-source intelligence tool for uncovering cybersecurity threats	Vlachos, Vasileios, Yannis C. Stamatiou, Pantelis Tzamalis, and Sotiris Nikoletseas	*International Journal of Information Security, Springer*	21	1091-1106
6	2018	Allergymap: a hybrid mhealth mobile crowdsensing system for allergic diseases epidemiology: a multidisciplinary case study	Kalogiros, Lampros A., Kostas Lagouvardos, Sotiris Nikoletseas, Nikos Papadopoulos, and Pantelis Tzamalis	*International Conference on Pervasive Computing and Communications Workshops (PerCom Workshops), IEEE*		597-602
7	2019	A hybridization of mobile crowdsensing, twitter analytics, and sensor data for the holistic approach of pollen onsets detection	Tzamalis, Pantelis, Pantelis Vikatos, and Sotiris Nikoletseas	*International Conference on Distributed Computing in Sensor Systems (DCOSS), IEEE*		188-191
8	2021	Modelling cyber-risk in an economic perspective	Bothos, Ioannis, Vasileios Vlachos, Dimitris M. Kyriazanos, Ioannis Stamatiou, Konstantinos Georgios Thanos, Pantelis	*IEEE International Conference on Cyber Security and Resilience (CSR), IEEE*		372-377

			Tzamalis, Sotirios Nikoletseas, and Stelios CA Thomopoulos			
9	2020	A multidimensional human-centric framework for environmental intelligence: Air pollution and noise in smart cities.	Bardoutsos, Andreas, Gabriel Filios, Ioannis Katsidimas, Thomas Krousarlis, Sotiris Nikoletseas, and Pantelis Tzamalis	*International Conference on Distributed Computing in Sensor Systems (DCOSS), IEEE*		155-164
10	2021	A human-centered Web-based tool for the effective real-time motion data collection and annotation from BLE IoT devices	Bardoutsos, Andreas, Dimitris Markantonatos, Sotiris Nikoletseas, Paul G. Spirakis, and Pantelis Tzamalis	*International Conference on Distributed Computing in Sensor Systems (DCOSS), IEEE*		380-389

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1					
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*Specify venue, geographic location etc

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2025-present	EyeAI	Pfizer Inc.	*Scientific/Project Coordinator*
2	2023-2025	Voice-based Diagnostics 2	Pfizer Inc.	*Scientific/Project Coordinator*
3	2022-2023	Voice-based Diagnostics 1	Pfizer Inc.	*Scientific/Project Coordinator*
4	2022-present	Disrupting Noxious Synergies of Indoor Air Pollutants and their Impact in Childhood Health and Wellbeing, using Advanced Intelligent Multisensing and Green Interventions	EU Horizon	*Επιστημονικός Συντονιστής*
5	2018-2021	Personal Allergy Tracer	National-funded by the Greek State	*Ερευνητής*
6	2017-2019	SYSTEMIC ANALYZER IN NETWORK THREATS	EU Horizon	*Ερευνητής*
7	2017-2018	Enabling Crowd-sourcing based privacy protection for smartphone applications, websites and Internet of Things deployments (PRIVACY FLAG)	EU Horizon	*Ερευνητής*
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Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1				
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Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Awarded by:
1	2020	Google Summer of Code	Google LLC & MetaBrainz
2	2019	Google Summer of Code	Google LLC & Red Hat (JBoss)
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	**Date**	**Title**	**Key Activities:**
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