



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Christoforou
Name:	Andreas
Rank/Position:	Special Teaching Staff
School:	Engineering
Department:	Electrical Engineering, Computer Engineering and Informatics
Scientific Domain:	Distributed and Cloud Computing

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Doctor of Philosophy – PhD	2020	Cyprus University of Technology	Department of Electrical Engineering and Computer Engineering and Informatics	Utilizing Computational Intelligence to Support Decision-making in Distributed Software Systems and Cloud-based Environments
BSc / MSc in Computer & Informatics Engineering	2002	University of Patras, Greece	Computer Engineering and Informatics Department	Δυναμικοί Αλγόριθμοι – Εύρεση Συντομότερων Διαδρομών

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
09/2022	12/2022	Cyprus University of Technology	Limassol	Visiting Lecturer (Course: Data Science, Contract)
10/2019	Present	Cyprus University of Technology	Limassol	Research Associate (Contract)

01/2020	02/2020	CYENS Centre of Excellence	Nicosia	External Consultant - System Analyst (Contract)
09/2017	10/2019	Cyprus University of Technology	Limassol	Research Associate (Contract)
03/2016	02/2019	Cyprus University of Technology	Limassol	Research Associate (Contract)
01/2016	02/2019	Cyprus University of Technology	Limassol	Research Associate (Contract)
02/2009	02/2010	University of Cyprus	Nicosia	Research Associate (Contract)
01/2005	12/2005	European University	Nicosia	Research Associate (Contract)

Key refereed journal papers, monographs, books, conference publications etc. (up to ten May 2021)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	Adopting microservice architecture: A decision support model based on genetically evolved multi-layer FCM	Andreou, A. S., Garriga, M., Baresi, L	Applied Soft Computing	114	
2	2021	On the Migration to and Synthesis of (Micro-) services: The Use of Intelligent Techniques	Andreou, A. S	Next-Gen Digital Services. A Retrospective and Roadmap for Service Computing of the Future	12521	48-66
3	2019	Migration of Software Components to Microservices: Matching and Synthesis	Odysseos, L., & Andreou, A	International Conference on Evaluation of Novel Approaches to Software Engineering		134-146
4	2018	An effective resource management approach in a FaaS environment	Andreou, A. S	CEUR Workshop Proceedings		2-8
5	2018	DevOps-Based Software Engineering for the Cloud	Andreou, A., Baresi, L., & Papazoglou, M	European Conference on		226-232

				Service-Oriented and Cloud Computing		
6	2017	Supporting the Decision of Migrating to Microservices Through Multi-layer Fuzzy Cognitive Maps	Garriga, M., Andreou, A. S., & Baresi, L	International Conference on Service-Oriented Computing		471-480
7	2017	Improving the performance of classification models with fuzzy cognitive maps	Christodoulou, P., Andreou, A.S.	Fuzzy Systems (FUZZ-IEEE), 2017 IEEE International Conference		1-6
8	2017	A Hybrid Prediction Model Integrating Fuzzy Cognitive Maps with Support Vector Machines	Christodoulou, P., Andreou, A.S.	International Conference on Enterprise Information Systems (ICEIS)	2	554-564
9	2017	A Framework for Static and Dynamic Analysis of Multi-Layer Fuzzy Cognitive Maps	Andreou, A. S	Neurocomputing	232	133-145
10	2015	Investigating Cloud Adoption Using Influence Diagrams as a Decision Support Model	Andreou, A. S	International Journal on Artificial Intelligence Tools	06	
11	2015	Investigating Cloud Adoption Using Influence Diagrams as a Decision Support Model	Andreou, A. S	International Journal on Artificial Intelligence Tools	06	
12	2015	A Multilayer Fuzzy Cognitive Maps approach to the cloud adoption decision support problem	Andreou, A. S	Fuzzy Systems (FUZZ-IEEE), 2015 IEEE International Conference		1-8
13	2014	A semi-automated quality assurance toolbox for diagnostic imaging	Constantinou, C., Grondoudis, A., Lanitis, A	International Journal of Biomedical Engineering and Technology	14(2)	159-180
14	2013	A Cloud Adoption Decision Support Model Using Influence Diagrams	Andreou, A. S	Artificial Intelligence Applications and <i>Innovations</i>		151-160

15	2013	A Cloud Adoption Decision Support Model Based on Fuzzy Cognitive Maps	Andreou, A. S	<i>InProduct-Focused Software Process Improvement</i>	240-252
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Exhibitions					
Ref. Number	Date	Topic	International / Local	Location	Role in Exhibition
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Research Projects (up to ten May 2021)				
Ref. Number	Date	Title	Funded by	Project Role
1	2019-2022	Destini - Smart Data Processing and Systems of Deep Insight	H2020	Researcher
2	2017-2019	Epirroi – Single System for Monitoring of the Water Supply Networks	Interreg Greek-Cyprus	Researcher
3	2016-2019	SmartGov - Advanced Decision Support for Smart Governance	JPI Urban Europe	Researcher
4	2016-2018	DOSSIER-Cloud - DevOpS-Based Software Engineering for the Cloud	H2020	Researcher
5	2017-2019	Epirroi – Single System for Monitoring of the Water Supply Networks	Interreg Greek-Cyprus	Researcher

6	2009-2010	IPE-PHANTOM	Research & Innovation Foundation	Researcher
7	2005	DIAGNOSIS - YPE NEPRO0204_02	Research & Innovation Foundation	Researcher

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1				
2				
3				
4				
5				

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1			
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Other Achievements

Ref. Number	Date	Title	Key Activities:
1			
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