

### Academic Personnel Short Profile / Short CV

<b>Institution:</b>	Cyprus University of Technology
<b>Surname:</b>	Andreou
<b>Name:</b>	Andreas
<b>Rank/Position:</b>	Professor
<b>Program of Study:</b>	Electrical Engineering, Computer Engineering and Informatics
<b>Scientific Domain: *</b>	Software Engineering

*\*Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
Doctor of Philosophy	2000	University of Patras, Greece	Computer Engineering and Informatics	
Diploma (5 years, equal to MsC)	1993	University of Patras, Greece	Computer Engineering and Informatics	

### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
1998	2000	University of Cyprus, Dept. of Computer Science	Nicosia, Cyprus	Research associate (special scientist)
2000	2002	University of Cyprus, Dept. of Computer Science	Nicosia, Cyprus	Visiting lecturer
2002	2006	University of Cyprus, Dept. of Computer Science	Nicosia, Cyprus	Lecturer
2006	2009	University of Cyprus, Dept. of Computer Science	Nicosia, Cyprus	Assistant professor

2009	2017	Cyprus University Technology, Dept. of Electrical Engineering / Computer Engineering and Informatics	Limassol, Cyprus	Associate professor
2017	Today	Cyprus University Technology, Dept. of Electrical Engineering / Computer Engineering and Informatics	Limassol, Cyprus	Professor

**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	2003	Promoting Software Quality Through a Human, Social and Organizational Requirements Elicitation Process	-	Requirements Engineering Journal	8	85-101
2	2004	Introducing a Process Framework for Implementing Models of Large-Scale Real-World Systems in Software	-	Journal of Software Process: Improvement and Practice	Issue 9	133-155
3	2005	Key issues for the design and development of mobile commerce services and applications	S. Mavromoustakos, C. Leonidou, C. Chrysostomou, A. Pitsillides, G. Samaras, C. Schizas	International Journal of Mobile Communications	3 (No 3)	303-323
4	2006	A Quality Framework for Developing and Evaluating Original Software Components	Marios Tziakouris	Information and Software Technology	49 (Issue 2)	122-141
5	2007	WAQE: A Web Application Quality Evaluation Model	Stephanos Mavromoustakos	International Journal of Web Engineering and Technology	3 (No. 1)	96-120
6	2008	Automatic, Evolutionary Test Data Generation for Dynamic Software Testing	Anastasis A. Sofokleous	Journal of Systems and Software	81 (Issue 11)	1883-1898

7	2015	Integrating non-parametric models with linear components for producing software cost estimations	Mittas, N., Papatheocharous, E., Angelis, L.	Journal of Systems and Software	99	120-134
8	2016	Software Defect Prediction Using Doubly Stochastic Poisson Processes Driven by Stochastic Belief Networks	Chatzis, S.P	Journal of Systems and Software	122	72-82
9	2017	A Framework for Static and Dynamic Analysis of Multi-Layer Fuzzy Cognitive Maps	Christoforou, A.	Neurocomputing	232	133-145
10	2017	An Investigation of Effort Distribution Among Development Phases: A Four Stage Progressive Software Cost Estimation Model	Papatheocharous, E., Bibi, S., Stamelos, G.	Journal of Software: Evolution and Process	29 (Issue 10)	e1881
11	2017	Supporting the Decision of Migrating to Microservices Through Multi-layer Fuzzy Cognitive Maps	Christoforou, A., Garriga, M., Baresi, L.	Proceedings of the International Conference on Service-Oriented Computing (ICSOC)		471-480

**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
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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	April 2002 - March 2005	Navigation du Savoir - La Navigation du Savoir: Network of Multimedia Poles for the Transmission of Marine Knowledge	EC - EUROMED HERITAGE II	Principal co-investigator
2	April 2002 - March 2005	Nature-GIS - A European thematic network for Protected Areas/Nature Preservation and Geographical Information	EC – IST	Principal co-investigator
3	March 2006 - August 2008	GENESIS - Enterprise Application Interoperability - Integration for SMEs, Governmental Organisations and Intermediaries in the New European Union	EC – IST	Principal investigator

4	September 2008 - February 2011	Nature SDI+ - Best practice network for SDI in nature conservation	EC eContent+	Principal investigator
5	February 2009 – June 2011	e-Tracer - Design, development and evaluation of a novice intelligent electronic intelligent service (e-tracer) for locating and monitoring items delivered or exchanged in a business environment	Cyprus Research Promotion Foundation	Principal investigator
6	January 2009 - January 2012	XAPTHΣ (MAP in Greek) - Fuzzy Cognitive Maps (FCM) for producing Decision Support Systems (DSS) to facilitate the analysis and decision making of real-life, complex, dynamical systems	Cyprus Research Promotion Foundation	Principal co-investigator
7	January 2015 - August 2016	INNOLABS – Student innovation labs - a way to sustainable and socially responsible growth	EC - Erasmus+	Principal investigator
8	January 2016 - December 2018	DOSSIER-CLOUD - Devops-Based Software Engineering for the Cloud	EC - CSA, Twinning	Project Coordinator
9	April 2016 - March 2019	SMARTGOV - Advanced Decision Support for Smart Governance	EC - JPI Urban Europe	Principal investigator
10	November 2017 – October 2019	EPIRROI – An Integrated Water Supply Monitoring System to Support the Identification and Restoration of Leaks	Interreq Greece - Cyprus	Project Coordinator

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.</b>				
<b>List the five (5) more recent (Optional Entry)</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	November 2003 - December 2004	New Nicosia General Hospital	Software Engineering Consultant	Analysis, Specification, Design, Implementation, Project Management, Quality Assurance
2	April 2003 – April 2006	The Cyprus Cultural Portal (Ministry of Education)	Software Engineering Consultant	Development of the official cultural portal of Cyprus
3	February 2002 – July 2002	Larnaka Water Board	Software Engineering Consultant	Requirements Analysis and Specification for an integrated software system comprising Billing, Accounting, Technical Services, Payroll and GIS modules
4	September 2002 – August 2003	Agricultural Research Institute	Software Engineering Consultant	Development of the Farm Accountancy Data Network (FADN) for Cyprus
5	2007	Neapolis University in Paphos	Software Engineering Consultant	Development of the IT Strategy of NUP

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Awarded by:</b>
1	2010	Automatic generation of a Software Requirements Specification (SRS) document	Best student (supervised) paper award at the Intelligent Systems Design and Applications Conference
2	2012	Dynamic Localisation and Automatic Correction of Software Faults Using Evolutionary Mutation Testing	Best paper award at the 14th International Conference on Enterprise Information Systems (ICEIS)
3	2015	Automatic Matching of Software Component Requirements Using Semi-Formal Specifications and a CBSE Ontology	Short listed for best paper award at the 10th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE)

**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Key Activities:</b>
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