



Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Achilleos
Name:	Achilleas
Rank/Position:	Lecturer
School:	Engineering
Department:	Electrical and Computer Engineering and Informatics
Scientific Domain:	Web Engineering (Software Engineering)

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Ph.D., Computer Science	2010	University of Essex, United Kingdom.	Computer Science and Electronic Systems Engineering	Model-driven Petri Net based Framework for Pervasive Service Creation
M.Sc., Computer and Information Networks	2005	University of Essex, United Kingdom.	Computer Science and Electronic Systems Engineering	Development of a Voice over Internet Protocol (VoIP) Telephony Service in Java
B.Sc., Computer Engineering	2004	Budapest University of Technology and Economics (BUTE), Hungary	Electrical Engineering and Informatics	Development of a Peer to Peer Overlay Network Communicator in Java
HND, Computer Engineering	2000	Higher Technical Institute (HTI), Cyprus.	Department of Electrical Engineering	Design and Development of a Web-Based Simulator for Electronics Laboratories

Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
July 2021	NOW	Dept. of Electrical Engineering, Computer Engineering and Informatics, Frederick University	Nicosia, Cyprus	Lecturer
Sept. 2015	June 2021	Dept. of Electrical Engineering, Computer Engineering and Informatics, Frederick University	Nicosia, Cyprus	Visiting Lecturer
Dec. 2009	May 2016	Software Engineering and Internet Technologies (SEIT) Research Lab, Dept. of Computer Science, University of Cyprus	Nicosia, Cyprus	Lead Researcher
Sept. 2010	Dec. 2015	Dept. of Computer Science, University of Cyprus	Nicosia, Cyprus	Visiting Lecturer
Jan. 2014	May 2015	Dept. of Information and Communications Systems, Open University of Cyprus	Nicosia, Cyprus	Adjunct Lecturer

Key refereed journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2023	Lessons Learned from Older Adults Fusing of an Augmented Reality, Assisted Living and Social Interaction Platform.	Achilleos, A. , Mettouris, C., Yeratziotis, A. et al.	<i>New Digital Technologies for Health, Accessibility and Wellbeing, Springer Nature Computer Science Journal, 4, 378 (2023).</i> , Impact Factor: 3.781, H-Index: 25	Volume 4, article number 378, (2023), DOI	
2	2022	IDEA: A software toolkit for energy awareness.	Evangelia Vanezi, Thomas Photiadis, Alexandros Yeratziotis, Achilleos P. Achilleos , Christos Mettouris & George A. Papadopoulos	<i>Journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Impact Factor: 3.47, CiteScore: 3.4.</i>	DOI	434-455
3	2021	SensoMan: Social Management of Context Sensors and Actuators for IoT	Georgia M. Kapitsaki, Achilleas P. Achilleos , Philippos Aziz, and Athina C. Paphitou	Journal of Sensor and Actuator Network, CiteScore: 6.2 .	10, no. 4: 68, 2021	
4	2021	Promoting active sports tourism through technology and evaluating its economic impact: experiences from Cyprus	Achilleas Achilleos , Michalis Makrominas, Christos Markides, Rafael Alexandrou, Andreas Konstantinidis, Elena Papacosta, Panos Constantinides, Effie	Taylor & Francis, Journal of Sport & Tourism, (2021), CiteScore: 3.2	no. 4 (2021), DOI	297-315

			Zikouli and Leondios Tselepos			
5	2021	“GUIDed: Assisted-Living Smart Platform and Social Communication for Older Adults.”, Best Paper Award.	Mettouris, Christos, Alexandros Yeratziotis, Charalampos Theodorou, Evangelia Vanezi, Achilleas Achilleos , George A. Papadopoulos, Sotiria Moza et al.	International Conference on Innovations for Community Services, pp. 135-151. Springer, Cham, 2021.		
6	2020	An Overview of User Privacy Preferences Modelling and Adoption	Georgia Kapitsaki, Alexia Dini Kounoudes and Achilleas Achilleos	IEEE Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2020), track ES-IoT: Embedded Systems and the Internet of Things, 2020.		
7	2019	The Cloud Application Modelling and Execution Language	Achilleas Achilleos , Kyriakos Kritikos, Alessandro Rossini, Georgia Kapitsaki, Jörg Domaschka, Michal Orzechowski, Daniel Seybold, Frank Griesinger, Nikolay Nikolov, Daniel Romero, George Papadopoulos	Springer Journal of Cloud Computing (CLCO), Open Access	vol. 8, n. 20 DOI	
8	2019	SciChallenge: A Social Media Aware Platform for Contest-Based STEM Education and Motivation of Young Students	Achilleas Achilleos , Christos Mettouris, Alexandros Yeratziotis, George A. Papadopoulos, Sabri Pillana, Florian Huber, Bernhard Jäger, Peter Leitner, Zsófia Ocsovszky, András Dinnyés	IEEE Transactions on Learning Technologies (TLT)	vol. 12, n. 1 DOI	98 - 111

9	2019	Adopting an Open Smart City Platform: A Survey	Achilleas Achilleos , Christos Markides, Andreas Konstantinidis, Ioannis Giorkas, Georgia M. Kapitsaki, Christos Mettouris, George A. Papadopoulos	IEEE International Smart Cities Conference (ISC2 2019), Track: ICT Technologies and Platforms for Smart Cities IEEE, 2019		
10	2018	A Model Driven Development Framework for Recommender Systems in Ubiquitous Environments for Commerce	Christos Mettouris, Achilleas Achilleos , Georgia Kapitsaki and George Papadopoulos	European Conference on Ambient Intelligence (Aml 2018)		
11	2017	Adaptive Runtime Middleware: Everything as a Service	Achilleas Achilleos , Kyriaki Georgiou, Christos Markides, Andreas Constantinides and George Papadopoulos	9th International Conference on Computational Collective Intelligence, (ICCI 2017), Springer		
12	2017	Health Monitoring Web Platform for Real-Time Expert-User Interaction	Achilleas Achilleos , Alexandros Yeratziotis, Christos Mettouris and George Papadopoulos	IEEE Proceedings of the 8th International Conference on Information, Intelligence, Systems Applications (IISA 2017)		
13	2016	Understanding the barriers to virtual student placements in the Semester of Code	F. J. Garcia Penalvo, David Griffiths, Juan Cruz-Benito, Edwin Veenendaal, Achilleas Achilleos , Scott Wilson, Georgia Kapitsaki	Education in the Knowledge Society, EKS Journal	vol. 17, n. 1 DOI	147-173
14	2016	Virtual Placements Management Process Supported by Technology: Proposal and First Results of the Semester of Code	F. J. Garcia Penalvo, J. Cruz-Benito, D. Griffiths and A. Achilleos	IEEE RITA Journal	vol. 11, no. 1 DOI	47-54
15	2010	Context Modelling and a Context-Aware Framework for Pervasive Service Creation: a Model-driven approach	A. Achilleos , K. Yang, N. Georgalas and M. Azmoodeh	ELSEVIER Special Issue of Pervasive Mobile Computing (PMC) Journal	vol. 6, no. 2	281-296

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	Starting 2024	Peer-to-Peer Green Energy Sharing Platform for Cold Ironing (P2P-Ironing)	RiF, RESTART 2016 – 2020, CY	Lead Software Engineer, MDL, FU
2	Starting 2024	Decentralized energy maNagement plAtform for sMart cOMmunities (DYNAMO)	RiF, RESTART 2016 – 2020, CY	Lead Software Engineer, MDL, FU
3	01/03/2024-29/02/2028	Innovation Vocational Excellence in Tech (INVESTech)	Erasmus+, COVE, EU	Principal Investigator, MDL, FU
4	01/07/2022-30/06/2025	Alliance for Fostering Business and Education Innovation through Digital Supply Chains (Be-Digital)	Erasmus+, Alliance, EU	Principal Investigator, MDL, FU
5	01/05/2022-30/04/2025	AUGmented and virtual ReALity enabled communication, training and data streaming in healthcare (AURA-CARE)	EUROSTARS, EU	Principal Investigator, MDL, FU
6	14/02/2022-14-04-2024	UPDating university curricula on Early InTervention (UPDEIT)	Erasmus+, KA2, EU	Principal Investigator, MDL, FU
7	01/02/2022-31/07/2024	Boosting health Lliteracy for School Students (BLISS)	Erasmus+, KA2, EU	Principal Investigator, MDL, FU
8	01/01/2022-30/06/2024	Fairness in Teaching (FIT)	Erasmus+, KA2, EU	ICT Expert, MDL, FU
9	01/02/2022-31/01/2024	Digital Health Literacy for Disadvantaged Adults Digital (DHELIDA)	Erasmus+, KA2, EU	ICT Expert, MDL, FU
10	01/06/2021-30/11/2022	Accessible System and Social Media Mobile Application for Deaf Users (ASM4Deaf)	RiF, RESTART 2016 – 2020, CY	Principal Investigator, MDL, FU
11	01/03/2021 – 28/02/2023	Open Lab for the up-skilling of higher educational staff in on-line Management Education (OLMEdu)	Erasmus+, KA2, EU	Coordinator, MDL, FU
12	01/12/2020 - 30/11/2022	High level knowledge awareness of Blockchain Technology applications in SMEs (BCT4SMEs)	Erasmus+, KA2, EU	Principal Investigator, MDL, FU

13	01/09/2020 to 31/05/2021	DineTours – Exploitation Project	RiF, RESTART 2016 – 2020, CY	Coordinator, MDL, FU
14	01/01/2020 to 30/06/2022	Guided Assisted-Living and Social Interaction Platform (GUIDed)	AAL, EU	Principal Investigator, MDL, FU
15	01/02/2019 to 31/08/2020	SportsTraveler76 – Research in Startups	RiF, RESTART 2016 – 2020, CY	Principal Investigator, MDL, FU
16	01/10/2018 to 31/09/2020	Hate Interrupter Teams (HIT): Youth counteracting hate speech towards migrants and minorities through participatory and creative campaigning	JUST+, EU	Researcher, MDL, FU
17	01/02/2014 to 31/01/2018	Ecosystem infrastructure for smart and personalised inclusion and PROSPERITY for ALL stakeholders	FP7, EU	Lead Researcher, SEIT, UCY
18	01/09/2015 to 31/08/2017	Next Generation Science Challenges Using Digital and Social Media to Make Science Education and Careers Attractive for Young People	H2020, EU	Researcher, SEIT, UCY
19	01/10/2012 to 30/09/2016	PaaSage: Model Based Cloud Platform Upperware	FP7, EU	Lead Researcher, SEIT, UCY
20	01/10/2013 to 29/02/2016	VALS Virtual Alliances for Learning Society	Erasmus LLP, EU	Lead Researcher, SEIT, UCY
21	01/06/2010 to 31/05/2013	ConnectedVitality – The Personal Telepresence Network (CVN)	AAL, EU	Lead Researcher, SEIT, UCY
22	01/01/2008 to 31/12/2011	COllaboration and INteroperability Services for networked enterprises	FP7, EU	Lead Researcher, SEIT, UCY

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	(IC-IHAW 2021)	International Conference of ICT for Health,	Scientific Vice-Chair, Special Session on Active Assisted Living (AAL) Chair.	Management of AAL Session. Paper assignment to reviewers,

		Accessibility and Wellbeing		Final decision for accepted papers based on reviewers' scores.
2	(SAC 2019)	The 34th ACM/SIGAPP Symposium on Applied Computing	Poster Session Chair	Management of Poster Session, Poster assignment to reviewers, Final decision for accepted posters based on reviewers' scores. Chair of Poster Session at SAC 2019.
3	(CloudCom 2018)	10th IEEE International Conference on Cloud Computing Technology and Science	PhD Consortium Chair	Management of PhD Consortium, Paper assignment to reviewers, Final decision for accepted papers based on reviewers' scores. Chair of PhD Consortium at CloudCom 2018.
4	(WIMS 2018, 2017, 2016)	6 th , 7 th , 8 th International Conference on Web Intelligence, Mining and Semantics.	Program Committee Member	Papers review

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	2021	Best Paper Award: "GUIDed: Assisted-Living Smart Platform and Social Communication for Older Adults."	In International Conference on Innovations for Community Services, pp. 135-151. Springer, Cham, May 26 – 28, 2021, Bamberg, Germany.
1	2016	Best Paper Award: "Accessible Control of Distributed Devices: Supporting People with disabilities by Providing Adaptive Interaction".	In Proceedings of the First International Conference on Universal Accessibility in the Internet of Things and Smart Environments (SMART ACCESSIBILITY 2016), July 24 - 28, Nice, France, 2016.

2	2015	AAL EU Project – Connected Vitality Network (CVN) – Role: Lead Researcher, AAL Projects Success Stories - 10 AAL innovations creating real impact. 2015.	EU Ambient Assisted Living (AAL)
3	2009-2010	First Place on Professional Exams on Communication and Information Networks	Cyprus Research and Academic Network (CYNET)
4	2005-2009	Ph.D., Full Scholarship	The Engineering and Physical Sciences Research Council (EPSRC) and British Telecom (BT)
5	2004-2005	M.Sc., Awarded with Distinction	University of Essex
6	2003-04, 2002-03	B.Sc., Certificate of Merit Awarded for Outstanding Dedication to Studies	Budapest University of Technology and Economics (BUTE)
7	2002-2003	B.Sc., Student of the Year Certificate	Budapest University of Technology and Economics (BUTE)

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	2021	Springer Journal of Grid Computing: From Grids to Cloud Federations	Journal Papers Review
2	2020	IEEE Transactions on Human-Machine Systems	Journal Papers Review
3	2019	IEEE Transactions on Software Engineering (TSE)	Journal Papers Review
4	2017	Elsevier Journal of Future Generation Computer Systems	Journal Papers Review
5	2016, 2021	Elsevier Journal of Systems and Software	Journal Papers Review
6	2014	Elsevier Journal of Pervasive and Mobile Computing (PMC)	Journal Papers Review
7	2010	IEEE Transactions on Computational Social Systems (TCSS)	Journal Papers Review
8	2020	The ACM Recommender Systems conference (RecSys 2020)	Conference Papers Review

9	2020	International Conference on Model-Driven Engineering and Software Development (MODELWARDS 2020)	Conference Papers Review
10	2020	ENTER eTourism Conference (ENTER 2020)	Conference Papers Review
11	2020	International Conference on INnovations in Intelligent SysTems and Applications (INISTA 2020)	Conference Papers Review