europass

Curriculum vitae

PERSONAL INFORMATION	## Georgios Leventis

Dept. of Civil Engineering and Geomatics, School of Engineering and Technology, Cyprus University of Technology, 2-8 Saripolou Str., Achilleos 1 Bldg, 2nd floor, 3036 Limassol (Cyprus)

(+30) 6978340490   (+357) 99138352

georgios.leventis@cut.ac.cy

http://geospatialanalytics.cut.ac.cy/   https://www.linkedin.com/in/george-leventis-a91120188/

WORK EXPERIENCE

11/2019–Present

Researcher

Dept. of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol (Cyprus)

- Project: Delineating probable sea routes between Cyprus and its surrounding coastal areas at the start of the Holocene: A simulation approach (SaRoCy).

01/01/2018–Present

Researcher at "Geospatial Analytics" Research Laboratory

Dept. of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol (Cyprus)

Main interests: Spatial Analysis, Machine Learning, Data Mining, Cultural Heritage.

01/2019–06/2019

Teaching Assistant

Dept. of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol (Cyprus)

- Conducted Lab Sessions focused on Technical Skills in GIS and Spatial Analysis

01/06/2018–31/05/2019

Researcher

Dept. of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol (Cyprus)

▪ Project: Advanced VR, Immersive Serious Games and Augmented Reality as tools to Raise Awareness and Access to European Underwater Cultural heritage (i-MareCulture).

Field of Study: Spatiotemporal GeoDB development for the Seafaring Serious Game.

16/04/2018–31/08/2018

Researcher

Dept. of Civil Engineering and Geomatics, Cyprus University of Technology, Limassol (Cyprus)

▪ Project: Eastern Mediterranean Science and Technology Centre for Archaeology and Cultural Heritage (MedSTACH).

Field of Study: Science and Technology for Archaeology and Cultural Heritage.

16/05/2016–15/08/2017

Experienced Researcher, Marie Skłodowska-Curie Fellowship

Digital Heritage Research Laboratory, Cyprus University of Technology, Limassol (Cyprus)

▪ Project: Initial Training Network on Digital Cultural Heritage (ITN-DCH).

Field of Study: Machine Learning in Processing 3D/4D Cultural Assets.

21/11/2016

Lecture in the context of "Computer Graphics" course

Cyprus University of Technology, Limassol (Cyprus)

▪ Presented to the students the current advances in the field of Computer Graphics, along with their impact on A.I systems.

| 16/02/2015–31/12/2015 | **Service Desk Analyst** |

Cosmote Mobile Telecommunications S.A, Maroussi (Greece)

▪ Handled service requests and incidents of the Dutch T-Mobile employees when occurred.

▪ Dispatched tickets created on BMC Remedy IT Management Suite to Cosmote or third-parties' groups (e.g. Huawei, T-Systems etc.).

▪ Contacted Cosmote and/or third-parties' software engineers when major(s) incident(s) of Dutch T-Mobile occurred.

| 13/05/2013 | **Lecture in the context of "Data Mining of Digital & Online Content" course** |

University of Aegean, Mytilene (Greece)

▪ Presented my master thesis to students explaining them exactly how I came – up with this area of study, which methods, algorithms and indexes I have used.

| 04/2010–07/2013 | **Research Fellow of the "Intelligent Multimedia and Virtual Reality" Research Laboratory** |

University of Aegean, Mytilene (Greece)

▪ Developed algorithms for testing AI Neural Networks.

▪ Trained Radial Basis Function (RBF) Neural Networks using optimal fuzzy clustering algorithms.

▪ Used Machine Learning algorithms (both instance-based and clustering algorithms such as C-Means, Fuzzy C-Means, Learning Vector Quantization) for training Neural Networks.

EDUCATION AND TRAINING

| 01/2018–Present | **PhD Candidate in Geomatics and Spatial Analysis** | EQF level 8 |

Cyprus University of Technology, Limassol (Cyprus)

Supervisor: Phaedon Kyriakidis

| 10/2011–02/2013 | **MSc (Master of Science) in Cultural Informatics and Communication** | EQF level 7 |

University of Aegean, Mytilene (Greece)

▪ Master Thesis: "Application of Neural Network for Modelling Data on Forest Fires Area".

Supervisor: George E. Tsekouras

| 10/2007–10/2011 | **Bachelor's Degree in Cultural Informatics and Communication** | EQF level 6 |

University of Aegean, Mytilene (Greece)

▪ Thesis: "Developing an Optimal Fuzzy Clustering Algorithm for the Training of Radial Basis Function Neural Networks".

Supervisor: George E. Tsekouras

PERSONAL SKILLS

| Mother tongue(s) | Greek |

Foreign language(s)	UNDERSTANDING	SPEAKING	WRITING

	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
	Michigan Proficiency in English (ECPE)				
French	A2	A2	A1	A1	A2
	Diplôme d'études en langue française (DELF) A1				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Great interpersonal skills
- Good communication skills

Organisational / managerial skills

- Very good organizational skills gained over my research activities
- Very good team-leading and coordinating skills

Job-related skills

- Coordinate small group of people (up to 5 persons)
- Scientific writing of European and Inter-regional funded proposals
- Writing of technical reports and European projects' deliverables

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

Digital skills - Self-assessment grid

Programming Languages

▪ Advanced knowledge of Visual C++, Borland Pascal, HTML.

▪ Basic knowledge of JavaScript, C, R, Python, XML.

Software

▪ Advanced knowledge of MATLAB (2009b, R2011b), Content Management Systems (Joomla, Wordpress), BMC Remedy IT Management Suite, Microsoft Office (2003, 2007, 2010, 2016).

▪ Basic knowledge of ArcGIS, QGIS, Adobe Creative Suite (Photoshop, Illustrator, Flash, Dreamweaver).

ADDITIONAL INFORMATION

Honours and Awards

- Cyprus State Institution (IKY) Scholarship for PhD studies Recipient (2018-2021)
- Marie Skłodowska-Curie Fellowship (5/2016 - 8/2017)

Memberships

- Computer Applications & Quantitative Methods in Archaeology Greek Chapter (CAA-GR), June 2018 - Present

Publications

- Phaedon Kyriakidis, Athos Agapiou, Vasiliki Lysandrou, Nicholas Kyriakides and Georgios Leventis "Smart Specialization in Support of Regional Development in the Eastern Mediterranean: Designing a University-Led Science, Engineering and Technology Centre of Excellence for Cultural Heritage in Cyprus", Smart Blue City 3rd Euro-Mediterranean Conference & Exhibition "Featuring Territorial Intelligence of Small and Medium-sized Cities and Insular Communities in the Mediterranean Scenery - Building Bridges between Local Endeavours and Global Developments", Larnaca, Cyprus, 2018

- Ph. Kyriakidis, A. Agapiou, V. Lysandrou, N. Kyriakides, G. Leventis, V. Kassianidou, G.

Papasavvas, M. Dikomitou⬜Eliadou, A. Charalambous, T. Moutsiou, M. Ieronymidou, D. Pilides, A. Kaldeli, P. Pantelides, A. Bevan, M. Altaweel, D. Nenova, A. Sarris, J. Donati, N. Papadopoulos, "Designing a Science and Technology Centre of Excellence for Archaeology and Cultural Heritage in the Eastern Mediterranean", Poster, 3rd CAA-GR Conference "Spreading Excellence in Computer Applications for Archaeology and Cultural Heritage", Limassol, Cyprus, 2018.

- Ph. Kyriakidis, A. Agapiou, V. Lysandrou, N. Kyriakides, G. Leventis, V. Kassianidou, G. Papasavvas, M. Dikomitou⬜Eliadou, A. Charalambous, T. Moutsiou, M. Ieronymidou, D. Pilides, A. Kaldeli, P. Pantelides, A. Bevan, M. Altaweel, D. Nenova, A. Sarris, J. Donati, N. Papadopoulos, "Designing a Science and Technology Centre of Excellence for Archaeology and Cultural Heritage in the Eastern Mediterranean", Poster, Cyprus American Archaeological Research Institute (CAARI) Conference, Nicosia, Cyprus, 2018.

- Margarita Papaefthymiou, Vasiliki Nikolakopoulou, Georgios Leventis, Matevz Domajnko, Marinos Ioannides and George Papagiannakis, "Projecting our Past to the Future - Challenges and Results: The Case of Asinou church", 15th Eurographics Workshop on Graphics and Cultural Heritage, Graz, Austria, The Eurographics Association, 2017.

- Georgios Leventis, "Protecting Cultural Heritage From Wildfires: A Neural Network Approach", Poster, ITN-DCH Final Conference on Digital Cultural Heritage, Olimje, Slovenia, 2017.

- Marinos Ioannides, Rob Davies, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou and Vasilis Athanasiou, Chapter 6 "3D Digital Libraries and their Contribution in the Documentation of the Past " in Mixed Reality and Gamification for Cultural Heritage, Springer International Publishing, 2017.

- Marinos Ioannides, Charalabos Ioannidis, Archimadrite Neophytos Enkleistriotis, David Castrillo, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou, Vasilis Athanasiou, Fotis Bourexis, Sofia Soile, Styliani Verykokou, Maria Costi de Castrillo, Christian Sovis, "Towards Monuments' Holistic Digital Documentation: The Saint Neophytos Enkleistriotis Case Study" in Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection: 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part I. pp. 442–473. Springer International Publishing, 2016.

- Marinos Ioannides, Pavlos Chatzigrigoriou, Vasilis Bokolas, Vasiliki Nikolakopoulou, Vasilis Athanasiou, Eirini Papageorgiou, Georgios Leventis, Christian Sovis, "Educational creative use and reuse of digital cultural heritage data for Cypriot UNESCO monuments" in Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection: 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part I. pp. 891–901. Springer International Publishing, 2016.

- Marinos Ioannides, Pavlos Chatzigrigoriou, Vasiliki Nikolakopoulou, Georgios Leventis, Eirini Papageorgiou, Vasilis Athanasiou, Christian Sovis, "Parian Marble: A Virtual Multimodal Museum Project" in Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection: 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part II. pp. 256–264. Springer International Publishing, 2016.

- Marinos Ioannides, Vasilis Athanasiou, Pavlos Chatzigrigoriou, Eirini Papageorgiou, Georgios Leventis, Vasiliki Nikolakopoulou, Christian Sovis, "Immersive Digital Heritage Experience with the Use of Interactive Technology" in Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection: 6th International Conference, EuroMed 2016, Nicosia, Cyprus, October 31 - November 5, 2016, Proceedings, Part II. pp. 265–271. Springer International Publishing, 2016.

- Antonios D. Niros, George Leventis, Dimitrios Tsolakis, George E. Tsekouras and Michael Kenteris, "A Hierarchical Fuzzy Clustering Framework for Training RBF Networks", Proceedings of IASTED International Conference, Artificial Intelligence and Soft Computing (ASC 2011), pp. 248 – 254, 2011.

Conferences Attended

- AGILE 2019 - 22nd Conference on Geo-information Science "Geospatial Technologies for Local and Regional Development" (member of organizing committee), Limassol, Cyprus, 2019

- MedSTACH Symposium *"Designing a cross-Institutional science, engineering and technology centre of excellence for Archeology and Cultural Heritage in the Eastern Mediterranean: Prospects, opportunities and challenges"*, Nicosia, Cyprus, 2018

- 3rd CAA-GR Conference *"Spreading Excellence in Computer Applications for Archaeology and Cultural Heritage"* (member of organizing committee), Limassol, Cyprus, 2018

- ITN-DCH Final Conference on Digital Heritage (member of organizing and international scientific

committees), Olimje, Slovenia, 2017

- 6th International Conference on Digital Heritage - EuroMed2016 (member of organizing and international scientific committees), Nicosia, Cyprus, 2016
- 33rd Computer Graphics International (CGI) conference, Heraklion, Crete, Greece, 2016
- 29th International Conference on Computer Animation and Social Agents (CASA), Geneva, Switzerland, 2016
- 4th International Conference Cultural Coverage & Digital Technology, Web Science Conference 2009 Society On – Line, Hellenic World Foundation, Athens, Greece, 2009.
- 1st Conference "Web, Crime and Human Rights", University of Aegean, Mytilene, Lesvos, 2008.

Military Obligations   ▪ Fulfilled (09/2013-06/2014).