



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Agathocleous
Name:	Michalis
Rank:	Adjunct Faculty
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Neural Networks/ Machine Learning/ Deep Learning

** Field of Specialization*

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2019	University of Cyprus	Computer Science	Learning schemes for efficiently training Neural Networks on Protein Secondary Structure Prediction
MSc	2010	University College London	Computer Science	Automatic classification of level of fitness on healthy and lowback pain people
BSc	2009	University of Cyprus	Computer Science	Protein Secondary Structure Prediction with Bidirectional Recurrent Neural Networks

Employment history

Period of employment		Employer	Location	Position
From	To			
2018	Today	University of Nicosia	Nicosia	Adjunct Faculty
2016	Today	AC Goldman Solutions & Services	Nicosia	Head of Data Scientist
2017	Today	Resoloupe Ltd	Nicosia	Managing Director
2010	Today	University of Cyprus	Nicosia	Special Scientist

Key refereed journal papers, monographs, books, conference publications etc.

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2018	Convolutional Neural Networks in Combination with Support Vector Machines for Complex Sequential Data Classification	Dionysiou, A., Christodoulou, C., Promponas, V.	<i>Artificial Neural Networks and Machine Learning - ICANN 2018, Lecture Notes in Computer Science</i>	11139	444-455
2	2018	Fast and accurate protein secondary structure prediction using Clockwork Recurrent Neural Networks	Dimitriou, P., Christodoulou, C., Promponas, V.	17th European Conference on Computational Biology	-	-
3	2016	Training Bidirectional Recurrent Neural Network Architectures with the Scaled Conjugate Gradient Algorithm	Christodoulou, C., Promponas, V., Kountouris, P. and Vassiliades, V.	<i>Artificial Neural Networks and Machine Learning - ICANN 2016, Lecture Notes in Computer Science</i>	9886	123-131
4	2012	A comparative study on filtering protein	Kountouris, P., Promponas, V.J.,	<i>IEEE/ACM Transactions on Computational Biology and</i>	9	731-739

		secondary structure prediction	Christodoulou, G., Hadjicostas, S., Vassiliades, V. and Christodoulou, C.	<i>Bioinformatics</i>		
5	2010	Protein Secondary Structure Prediction with Bidirectional Recurrent Neural Nets: can weight updating for each residue enhance performance?	Christodoulou, G., Promponas, V., Christodoulou, C. Vassiliades, V. and Antoniou, A.	<i>AIAI 2010</i>	339	128-137
6	2010	Neural Networks: The panacea in fraud detection?	Krambia-Kapardis, M., Christodoulou, C.	<i>Managerial Auditing Journal</i>	25	659-678
7	2010	Improving protein secondary structure prediction using evolutionary strategies and RBF networks	Hadjicostas, S., Kountouris, P., Promponas, V., Vassiliades, V., and Christodoulou, C.	<i>6th conference of the Hellenic Society for Computational Biology & Bioinformatics - HSCBB11</i>	-	34
8	2010	Training bidirectional recurrent neural networks with Conjugate gradient-type algorithms for protein secondary structure prediction	Kountouris, P., Promponas, V., Christodoulou, G., Hadjicostas, S., Vassiliades, V. and Christodoulou, C.	<i>19th Annual International Conference on Intelligent Systems for Molecular Biology and 10th European Conference on Computational Biology (ISMB/ECCB)</i>	-	W67

Exhibitions (where applicable).

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	Sep 2018	Convolutional Neural Networks in Combination with Support Vector Machines for Complex Sequential Data Classification	International	Greece	Presenter
2	Sep 2018	Convolutional Neural Networks in Combination with Support Vector Machines for Complex Sequential Data Classification	International	Greece	Presenter
3	May 2017	IEEE R2i-2017: Transaction Analysis for Bank Clients	International	Ireland	Innovation Workshop
4	Sep 2016	Training Bidirectional Recurrent Neural Network Architectures with the Scaled Conjugate Gradient Algorithm	International	Spain	Presenter

*Specify venue, geographic location etc



Research Projects.				
Ref. Number	Date	Title	Funded by	Project Role*
1	2021	FlockAI	UNIC	Data Scientist
2	2021	LightSense	IDEK	Project Manager/ Data Scientist
3	2018	Academic CSIRT	CEF	Project Manager/ Data Scientist
4	2013	Protein Project	IPE	Researcher

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

Awards / International Recognition (where applicable).			
Ref. Number	Date	Title	Awarded by:
1	2016	Scholarship for PhD studies	University of Cyprus
2	2016	Awarded a grand from ICANN 2016	European Neural Network Society
3	2012	Scholarship for PhD studies	A.G. Leventis Foundation
4	2011	Scholarship for PhD studies	Cyprus State Scholarship foundation