

CURRICULUM VITAE

Zinonas Ch. Antoniou

Personal Information

Surname	Antoniou
First Name	Zinonas
Father's Name	Charalambos
Date of Birth	April 02, 1984
Nationality	Greek - Cypriot
Gender	Male

Contact Information

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Education

2010 – Now	University of Cyprus Department of Computer Science Ph.D Candidate Student Advisor: Prof. Dr. Constantinos Pattichis
2004 – 2010	National Technical University of Athens, Greece School of Electrical and Computer Engineering Diploma Degree GPA: 7.18/10 Major area: Computer Science Thesis Advisor: Prof. Dr. Konstantina Nikita Thesis: A web-accessible mammographic image database dedicated to combined training and evaluation of radiologists and machines
1999-2002	Kykkos A' Lyceum Graduated with honors GPA: 19.67/20

Research Experience

02/2012 – 07/2013 Special Scientist, Computer Science Department, University of Cyprus.
Project: GRANATUM - A social collaborative working space semantically interlinking biomedical researchers, knowledge and data for the design and execution of in-silico models and experiments in cancer chemoprevention, European FP7 funded project.

Teaching Experience

Spring Semester 2014 Teaching Assistant for the undergraduate course EPL031, Introduction to programming (FORTRAN), and for the undergraduate course EPL034, Introduction in C Programming Language for ECE, CS Department, University of Cyprus

Fall Semester 2013 Teaching Assistant for the undergraduate course EPL445, Digital Image Processing and for the postgraduate course EPL607, Graphic and Visual Computation, CS Department, University of Cyprus

Fall Semester 2012 Teaching Assistant for the undergraduate course EPL003, Computer Science and Information Systems, CS Department, University of Cyprus

Spring Semester 2012 Teaching Assistant for the undergraduate course EPL003, Computer Science and Information Systems, and for the undergraduate course EPL034, Introduction in C Programming Language for ECE, CS Department, University of Cyprus

Fall Semester 2011 Teaching Assistant for the undergraduate course EPL003, Computer Science and Information Systems, for the undergraduate course EPL445, Digital Image Processing and for the postgraduate course EPL603, Topics in Software Engineering, CS Department, University of Cyprus

Spring Semester 2011 Teaching Assistant for the undergraduate course EPL034, Introduction in C Programming Language for ECE, CS Department, University of Cyprus

Fall Semester 2010 Teaching Assistant for the undergraduate course EPL003, Computer Science and Information Systems, CS Department, University of Cyprus

Publications

Journal Papers

- [1] Panayides A., Antoniou Z., Mylonas Y., Pattichis M. S., Pitsillides A., Pattichis, C. S., "High-Resolution, Low-delay, and Error-resilient Medical Ultrasound Video Communication Using H.264/AVC Over Mobile WiMAX Networks," *Information Technology in Biomedicine, IEEE Transactions on*, vol.PP, no.99, pp.1, doi: 10.1109/TITB.2012.2232675

Conference Papers

- [1] Christos Kannas, Kleo Achilleos, Zinonas Antoniou, Christos Nicolaou, Constantinos Pattichis, Ioanna Kalvari, Ioannis Kirmitzoglou and Vasilis Promponas, "A Workflow System for Virtual Screening in Cancer Chemoprevention", 12th IEEE International Conference on BioInformatics and BioEngineering (BIBE), November 11-13, 2012, Larnaca, Cyprus
- [2] A. Panayides, Z. Antoniou, M.S. Pattichis, C.S. Pattichis, A.G.Constantinides, High Efficiency Video Coding for Ultrasound Video Communication in M-Health Systems, Proceedings of the 34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC 2012), San Diego, California, USA, Aug. 28-Sept. 1, 2170-2173, 2012.
- [3] Panayides, Z. Antoniou, V. Barberis, M.S. Pattichis, C. S. Pattichis, and E. Kyriacou, "Abdominal Aortic Aneurysm Medical Video Transmission", IEEE-EMBS International Conference on Biomedical and Health Informatics-BHI 2012, 5-7 January, Shenzhen, Hong Kong, 2012.
- [4] Z. Antoniou, G. Giannakopoulou, I. Andreadis, K. Nikita, P. Ligomenides, and G. Spyrou, "A web-accessible mammographic image database dedicated to combined training and evaluation of radiologists and machines", 9th International Conference on Information Technology and Applications in Biomedicine-ITAB 2009, 5-7 November, Larnaca, Cyprus, 2009.

Workshop Papers

- [1] Z. Antoniou, A. Panayides, Y. Mylonas, M. S. Pattichis, A. Pitsillides, C. S. Pattichis, "High-resolution, Low-delay, and Error-resilient Medical Ultrasound Video Communication Using H.264/AVC Over Mobile WiMAX Networks", 6th Cyprus Workshop on Signal Processing and Informatics (CWSPI), 9 July, Nicosia, Cyprus, 2013.
- [2] Z. Antoniou, A. Panayides, M. S. Pattichis, and C. S. Pattichis, "Emerging High Efficiency Video Coding for Ultrasound Video Communications", 5th Cyprus Workshop on Signal Processing and Informatics (CWSPI), 10 July, Nicosia, Cyprus, 2012.

Memberships

- ETEK (Cyprus Scientific and Technical Chamber)
- IEEE

Honors and Awards

2012	Thomaidio Award for the Advancement of Science & Arts Year 2009 (Articles in Magazine or Conference), National Technical University of Athens.
2009	Certificate of Merit, Finalist on Student Paper Competition, 9 th International Conference on Information Technology & Applications in Biomedicine, ITAB 2009, 5-7 November, Larnaca, Cyprus.
2001-2002	Ranked 1 st among all the students in Kykkos A' Lyceum, Special Award of Professorial Association of Kykkos' Abbot Chrysostomos for academic excellence in Kykkos A' Lyceum.
2001-2002	Achilleas Kyriakides' award for academic excellence in Kykkos A' Lyceum.
2001-2002	Municipality of Engomi's award for academic excellence in Kykkos A' Lyceum.
1999-2002	Special award for academic excellence each year during three years in Kykkos A' Lyceum.

Skills

Programming Languages	Pascal, C, Java, Python
Mark-up Languages	HTML, XML
Style Sheet Language	CSS
Scripting Language	PHP
Databases' Languages	MySQL, MS SQL
Tools	MATLAB
Operating Systems	MS Windows XP/Vista/7
Mobile Operating System	Android
Embedded Real time OS	Empix OS (implemented by NTUA)

Language Skills

Greek	Native Speaker
English	GCE O' Level English Language – Grade C (January 2002)
French	GCE O' Level French Language – Grade B (June 2001)

Military Service

2002-2004

Infantry Officer at the National Guard of Cyprus