

CURRICULUM VITAE

Name:	Pericles Leng Cheng
Address:	17, Famagusta Avenue, Aglantzia, 2102 Nicosia, Cyprus
Telephone:	+357 99 693765
Marital Status:	Married
Education:	Walden University, Minneapolis February 2013 - Present Major: Doctor of Information Technology Doctoral candidate with a focus on educational robotics in high schools University of Texas, Austin September 2001 - May 2003 Major: M.S. Computer Science University of Texas, Austin September 1998 - May 2001 Major: B.S. Computer Science Highest Honors G.P.A.: 3.97/4.00 Cyprus College 1992 – 1998 Major: Computer Science (Part-time)
Positions Held:	European University Cyprus , Department of Computer Science and Engineering. Special Teaching Personnel. September 2003 - Present <ul style="list-style-type: none">• Lecturer for CSC131 – Programming I• Lecturer for CSC327 - Operating Systems• Lecturer for CSC331 - Database Management Systems• Lecturer for ECE347 – Operating Systems Laboratory• Lecturer for ECE472 – Data Communications and Networks Laboratory• Lecturer for ECE361, ECE362, ECE363, ECE364, ECE365 – Network Courses• Lecturer for introductory courses in Computers using Blended Learning Technologies University of Texas at Austin . Department of Computer Sciences. Teaching Assistant. September 2001 - May 2003 <ul style="list-style-type: none">• Hold discussions, reviews and office hours for CS341 - Automata Theory• Grade homework and exams Microsoft Corporation . Software Test Engineer (Intern) June 2001 - August 2001 <ul style="list-style-type: none">• Developed web parts and dashboards in the Digital Dashboard interface to help in testing parts of the new Ms Office application• Took part in the development of specifications for parts of the new Ms Office application University of Texas at Austin . College of Natural Sciences, Dean's Office. Senior Student Associate. September 1998 - May 2001

- Provide technical support
- Perform hardware and software installations on both Macintosh and IBM compatible computers

Logosnet Technologies. Programmer.

June 2000 - August 2000

- Created programs using Perl to automate tasks over the internet
- Created a program that automatically updated specific web pages and uploaded them on the internet

Cyprus College. Webmaster.

1994 - 1998

- Designed and implemented the Cyprus College web site
- Set-up and administered the College's web server
- Provided hardware and software support for staff and students
- Administered the College's servers consisting of 2 UNIX and 4 Netware Novell servers

G. Kallenos Infosystems. Hardware Support Technician (Part-time).

1997 - 1998

- Provided technical support to customers
- Assembled IBM Compatible computers

Spidernet Services. Internet Technician (Part-time)

1994 - 1995

- Provided technical support on Internet related problems

Distinctive Achievements (international recognition):

University of Texas, Austin: Special Computer Science Honors AMIDEAST, Fulbright Commission: 4-year CASP Scholarship
Cyprus College, Nicosia, Cyprus: Partial Scholarship
The Grammar School, Nicosia, Cyprus: 7-year Scholarship
Received the Google Computer Science 4 High Schools grant in 2014 which allowed me to deliver seminars to high school teachers regarding robotics and their use in the classroom.

Areas Of Concentration / Research Interests:

Database Management Systems, Aspect-Oriented Software Development, Embedded Systems, Operating Systems, E-Learning platforms and educational technologies, Computer Networks, Educational robotics

Professional Associations:

The Institute of Electrical and Electronic Engineers, Inc.
Spring 1997 – Present
Cyprus Computer Society
2013 – Present

Languages:

Greek, English

Research:

Conference Presentations:

P. L. Cheng, G. A. Papadopoulos, 'Using Aspect-Oriented Software Development In Real-Time Embedded Systems Software', 8th International Conference on Enterprise Information Systems (ICEIS 2006), Paphos, Cyprus, 23-27, May 2006
P. L. Cheng, G. A. Papadopoulos, 'A Review Of Aspect-Oriented Software Development Techniques Used In Real-Time Embedded Systems Software', 1st GI/ITG Workshop on Non-Functional Properties of Embedded Systems (NFPES 2006), Nurnberg, Germany, March 27-29, 2006

P.L. Cheng, 'Aspect-Oriented Software Development In The Realm Of Embedded Systems', Student Extravaganza, 5th International Conference on Aspect-Oriented Software Development (AOSD 2006), Bonn, Germany, March 20-24, 2006

Other Scholarly Activities

Collaborations: Worked on a European IST project with the name 'Being On Time Saves Energy'.
Worked on a European IST project with the name 'MUSIC: Self-Adapting Applications for Mobile Users in Ubiquitous Computing Environments'.

Consultancies: Worked as a consultant for Dynamic Worx in the iDesme research project funded by the Cyprus Research Promotion Foundation (www.idesme.com)

Experience

Teaching:

Taught Courses:

CSC190 – Introduction to Computers
CSC131 – Programming I
CSC327 – Operating Systems
CSC331 – Database Management Systems
CSA170 – Microcomputer Applications
CSA290 – Database Applications
ECE472 – Networks Laboratory
ECE437 – Operating Systems Laboratory
ECE361 – Network Fundamentals
ECE362 – Routing Protocols and Concepts
ECE363 – Switching, Wireless and WANs
ECE364 – Scaling Networks
ECE365 – Connecting Networks

Extra-Curricular Activities:

CISCO Certified Academy Instructor at the European University Cyprus Lifelong Learning Program
CISCO CCNA Certification
CISCO CCNA Security Certification
CISCO IT Essentials
CISCO Discovery I, II
CISCO Exploration I, II, III, IV
Moodle Course Creator Certification
Moodle for Administrators Certification
Moodle for Teachers Certification
Robotics coach for winning team at the 3rd Pancyprian Robot Olympiad in 2015.
Robotics coach for the team participating in the World Robot Olympiad in Qatar in 2015
Robotics coach for winning team at the 4th Pancyprian Robot Olympiad in 2016.
Robotics coach for the team participating in the World Robot Olympiad in New Delhi in 2016
Robotics coach for several teams in elementary, junior high, and senior high.
Presented a paper in Robotex 2016, the largest European robotics competition in Estonia.