Curriculum Vitae

Contact Information

Name: Chatzigiannakis Nikolaos

Place and fate of birth: Mytilene, Lesvos, Greece, 8/3/1960

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Education

2014-Today	**PhD thesis** Department of Cultural Technology & Communication, University of the Aegean", Lesvos, Greece. PhD thesis: "Creation of an asynchronous model of education related to the teaching of programming using e-learning systems and cloud computing technologies"
1983-1985	**Master of Science (M.Sc.)** Department of Electrical Engineering and Computer Science, University of Bath, U.K. Master thesis: «Three dimensional and menu-driven interactive computer graphics».
1977-1982	Diploma in Electrical and Computer Engineer, University of Patras, Greece

Languages

Fluent in Greek and English

Professional experience

1988 - today	Specialist scientist on Computer Systems Analysis and Design, head of the IT department of the former Ministry of the Aegean and now General Secretariat for the Aegean and Island Policy of the Ministry of Shipping and Island Policy. Responsible for the analysis and design of all applications of the organization.
2009 - today	Lecturer at the Department of Cultural Technology & Communication of the University of the Aegean in Greece. Teaching courses: Structural Programming with C, Object-Oriented Programming with C ++.
2001 - 2013	Head of ECDL (European Computer Driving License) Examination Center.

1989 - 2013	Education Director and co-owner of the general partnership N. Chatzigiannakis - M. Argyropoulos with the title COMPUTER CENTER (KHY).
1987-1988	Responsible for the organization and operation of the headquarters IT department of the Superior Military Administration of the interior and the Islands of Greece (ASDEN), during my military service.
1986-1987	Educator of ELKEPA and NELE (non-profit public educational organizations) in Mytilene-Lesvos-Greece

Academic and teaching experience

- Teaching Structural Programming with C and Object-Oriented Programming with C++, at the Department of Cultural Technology & Communication of the University of the Aegean in Greece.

- Teaching programming in various languages and other software packages in the co-owned private School (KHY) for computer usage and programming,

- Educator in various seminars provided by different public organizations in Greece.

My teaching experience exceeds 19,000 (nineteen thousand) hours of teaching in the following cognitive IT topics:

Programming Languages

- C, C++, Visual C++, Java, Python
- GW-Basic, Q-Basic, Visual Basic
- BCPL, Algol, Pascal
- Fortran
- Prolog
- Clarion, DBASE
- Assembly

Operating Systems

- TRIPOS, UNIX, LINUX, MS-DOS, PC-DOS, LANTASTIC NOS, NETWARE
- Windows 3.0,3.11,95/98/Milenium/NT/2000/XP, Vista,7,8,10
- Windows NT server, Windows2000/2003/8/12 server

RDBMS
- ORACLE
- SQL server, My SQL

<u>Case tools – RAD tools</u>
- CLARION Developer
- DELPHI
- ORACLE 4GL TOOLS
- FileMaker

<u>Software packages</u>
- All Microsoft Office Applications
- Image Processing (Photoshop, Corel Photopaint, etc)
- Graphics drawing (CorelDraw)
- Wep Page Design Tools
- Video and Audio Processing

Distinctions

2007	The project "Development of services and e-government mechanisms" of the Ministry of the Aegean, the scientific director of which was the signatory, was proposed as "**best practice**", i.e. among the best projects regarding their design and implementation in the Operational Program "Information Society".
2003	The electronic presence of the Ministry of the Aegean emerged **first** among all the public-sector bodies. The signatory was the scientific director at the stages of the analysis, design and developing.
1992	**First Prize** in a Pan-Hellenic Competition of the Ministry of the Presidency on the Simplification of Procedures in the Public Sector.

Writing work

2017   **"C in depth", 5th edition**
A complete roadmap in learning the C programming language, with an extensive reference on data structures
KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE
ISBN: 978-960-461-715-9, 820 pages.
http://c.bytes.gr

2014   **"C++ in depth", 2nd edition**
Meet the philosophy of object oriented programming
KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE
ISBN: 978-960-461-620-6, 980 pages.
http://cpp.bytes.gr

2012   **"C in depth", 4th revised edition**
A complete roadmap in learning the C programming language, with an extensive reference on data structures
KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE
ISBN: 978-960-461-498-1, 664 pages.
http://c.bytes.gr

2009   **"C in depth", 3rd edition**
A complete roadmap in learning the C programming language, with an extensive reference on data structures
KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE
ISBN: 978-960-461-208-6, 545 pages.
http://c.bytes.gr

2008   **"C++ in depth", 1st edition**
Meet the philosophy of object oriented programming
KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE
ISBN: 978-960-461-143-0, 840 pages.
http://cpp.bytes.gr

2005-2006   **"C in depth", 1st & 2nd editions**
A complete roadmap in learning the C programming language, with an extensive reference on data structures

KLIDARITHMOS PUBLICATIONS, ATHENS, GREECE

ISBN:960-209-859-7, 960-209-966-6, 432 pages.
http://c.bytes.gr

Participation in Information Technology Projects

2009 - today	Member of the Committee for the definition of specifications and monitoring of "Digital Convergence" projects at the General Secretariat for the Aegean and Island Policy.
2009 - today	Member of the Committee for the definition of specifications and monitoring of the project: "Geographical Information System - Atlas of the Aegean".
2007 - 2008	Member of the Monitoring and Receiving Committee of the project "Digital Documentation of the Photographic Archive of the Ministry of the Aegean and Island Policy", which has been included in the Operational Program "Information Society".
2003 - 2007	Scientific coordinator of the project "Development of e-government services and mechanisms". The project has been included in the Operational Program "Information Society".
2003 - 2004	IT consultant in the program "Attracting athletes in the Aegean area for their pre-Olympic preparation".
2003 - today	Member and coordinator of the Coordination Group for the Information Society at the Ministry of the Aegean.
2001 - 2003	Member of the Committee of Ministry of the Aegean, within the framework of the State Program, concerning the modernization of the Public Administration.
1999 - 2002	Scientific coordinator of the «Asterias» project of the Ministry of the Aegean. The project concerned the electronic interconnection and provision of services to citizens between 113 citizen offices in the municipalities and communities of the Aegean Islands. This project was the basis for the design of the current KEPs (One-Stop Shops).

Member of Scientific Agencies

➢ Registered in the Technical Chamber of Greece (TEE - equivalent of IEEE in Greece) from 30/12/82.
➢ Enrolled in the Register of Trainers of the Institute for Training of the National Center for Greek Public Administration
➢ Statutory member of the Hellenic Society of Greek Computer Scientists and Informatics. Certified trainer and enrolled in the Register of Continuing Vocational Training instructors of the National Center for Certification of Structures (Greece).

Research interests

➢ Distance learning.
➢ Creation of a self-training system in programming, with a specific road map, measurable results and feedback.
➢ Teaching programming using robots.
➢ Development a new approach in teaching programming using role playing.