

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **GEORGIOS N. ANGELOU**
Address **51, Nikolaou Paraskeva Str., 56625, Sikies Thessaloniki, Greece**
Telephone **+30 2310 67 27 26, +30 6949 720 732**
Email gangelou@tee.gr, gangelou@eyath.gr
Nationality Greek
Date of birth 24 August 1971
Marital status Married with three children

WORK EXPERIENCE

- Dates (from – to) From October 2002 to now
- Name and address of employer **Thessaloniki Water Supply and Sewerage Company S.A. (EYATH S.A)**
127, Egnatia Str., GR-546 35, Thessaloniki, Greece
- Type of business or sector Water supply and sewerage services provision in Thessaloniki
- Occupation or position held Electrical and Computer Engineer
- Main activities and responsibilities
 - From 7/2010 to now**
Section Manager of Special Studies, Systems Development and Organization
 - Responsible for new technologies for water supply - sewerage services provision
 - Responsible for the development and exploitation of optical fibre network via the infrastructures of EYATH
 - From 9/2007 to 7/2010**
Director of Water Supply and Sewerage Plants
 - Responsible for operation and maintenance of all facilities of the company both in the water and sewerage sector (1 Refinery, 4 Biological, 100 pumping stations, 100 wells, other facilities where there is established electromechanical equipment). The overall population served is 1,5 million.
 - Total personnel: 220 employees of EYATH and external contractors.
 - Annual division budget: 20.000.000 €.
 - 9/2006 - 10/2007**
Section Manager of Operation of Maintenance of Water supply bumping stations and drills
 - Responsible for the operation, maintenance and repair of all water wells and pumping stations to cover the water needs of urban area of Thessaloniki.
 - Total personnel department: 80 employees EYATH.
 - 10/2002 - 9/2006**
Electrician and Computer Engineer
 - Responsible for engineering support and systems technical specifications for water supply and sewerage sectors
- Additional activities**
 - Participation in committees for company's procurement.
 - Participation in special scientific committees for monitoring contracts for operation and maintenance of water treatment and waste water treatment plants of EYATH.
 - Participation in a group of consultants for reorganization of the company to develop the Quality Management System according to EN ISO 9001:2000.
 - Participation in a group for certification and accreditation of laboratory tests conducted by the company in accordance with standard EN ISO 17025.

- Dates (from – to) From October 1999 to October 2002
 - Name and address of employer **NOKIA S.A.**
151, Kifisias Str., Marousi, GR-151 24, Athens, Greece
 - Type of business or sector Telecommunication Company
 - Occupation or position held Radio Network Planner - Technical Consultant in main mobile network operator in Greece COSMOTE
 - Main activities and responsibilities
 - Coordinating a group of Nokia consultants that was responsible for the Network Performance Review & Analysis suggesting the implementation of various features for the further performance improvement.
 - Being a Nokia Trainer, holding a specific seminar (RANOP) for Nokia GSM networks optimization.
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- Dates (from – to) From November 1998 to October 1999
 - Name and address of employer **ITALTEL (SIEMENS) S.A.**
4, Rizariou, Chalandri, GR-152 33, Athens, Greece
 - Type of business or sector Telecommunication Company
 - Occupation or position held Telecommunication Engineer
Mobile Networks Radio Planner
Responsible for the Armenia's GSM Network Planning in:
 - Project Coordination
 - Radio Network Planning – RF Survey process

EDUCATIONAL EXPERIENCE

- Dates (from – to) From 2007 to 2009
 - Name and address of employer **University of Macedonia**
Thessaloniki, Greece
 - Type of business or sector University
Postgraduate program in Information Systems
External Collaborator-Lecturer
 - Occupation or position held
 - Main activities and responsibilities
 - Lectures on "Strategies for Information Technology and Telematics" (6 hours in 2011)
 - Lectures on "Computer Networks" (6 hours in 2009)
 - Lecture on "Technology and Telecommunication Networks" (3 hours in 2008)
 - Lecture on "Strategies for Information Technology and Telematics" (3 hours in 2007)
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- Dates (from – to) From 2005 to 2007
 - Name and address of employer **Democritus University of Thrace, Polytechnic School**
Ksanthi, Greece
 - Type of business or sector University
Postgraduate program in Engineering Systems Organization and Management
External Collaborator-Lecturer
 - Occupation or position held
 - Main activities and responsibilities
 - Lecture "Engineering Systems Organization: New technologies in water supply and sewerage services provision" (4 hours every year)
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- Dates (from – to) From January 2006 to February 2006
 - Name and address of employer **KEK (CVT) Pyxida**
N. Ikonio Peramatos, Greece
 - Type of business or sector Center of Vocational Training (CVT)
 - Occupation or position held Instructor (Certified by the National Centre EKEPIS: 715 850 AM)
Teaching program: Ttraining lawyers in basic ICT skills with certification. (Total hours 65)
 - Main activities and responsibilities

- Dates (from – to) From February 2004 to June 2004
- Name and address of employer **IEK Thessaloniki 1 and IEK Sindos**
Thessaloniki, Greece
- Type of business or sector Public Vocational Constitution
- Occupation or position held Instructor
- Main activities and responsibilities Teaching courses on the subject of Telecommunications and Information Technology. (Total hours 154).

- Dates (from – to) From February 2001 to October 2002
- Name and address of employer **Nokia S.A. (Nokia Learning Center Network)**
Nokia Italia SpA, Cassina De'Pecchi, Milano
- Type of business or sector International telecommunication company
- Occupation or position held Instructor at the main training program Nokia SA at the optimization of mobile networks
- Main activities and responsibilities Preparing course material and implementation of the lectures (3 days: 25 hours) in English.

OTHER PROFESSIONAL ACTIVITIES

- Dates (from – to) From January 2011 to now
- Name and address of employer **Technical Chamber of Greece/Section of Central Macedonia (TEE)**
- Occupation or position held Member of Permanent Committee of New Technologies, Research and Innovation for period 2011-2013.

- Main activities and responsibilities The committee deals with scientific subjects of Telematics, Information technology, Networks and Telecommunications, Research, Innovation and generally technological innovations from the aforementioned fields. Her distinguishable aims are the configuration of thorough scientific opinion, the contribution in the mapping out of policy of TEE, the appointment of role mechanic and the support of work his and state in her scientific space of responsibility.

- Dates (from – to) From July 2008 to now
- Name and address of employer **Technical Chamber of Greece/Section of Central Macedonia (TEE)**
- Occupation or position held Member of 5 persons Team of Work from technical scientists, aiming at the development of technical directive on the specifications of digital infrastructures inside the buildings.
- Main activities and responsibilities Attendance in the development of technical specifications of installation of networks of optical fibres inside buildings and building groups.

- Dates (from – to) From March 2005 to December 2005
- Name and address of employer **EUCEN (European Universities Continuing Education Network) – University of Macedonia**
Research Project «Developing on line consumer education tools for adults - DOLCETA»
- Occupation or position held Member Team of Work on behalf of the Greek side (University Macedonia, Centre of Protection of Consumers, KEPKA) aiming at the growth of application of education of consumers via the Internet for the countries of European Union.
- Main activities and responsibilities
 - Adaptation and control of content that will be delivered in the EUCEN so that it is suitable on issues education via means of computers (distance learning) as well as on issues education of adults.
 - Support of informative tools that will be used for the achievement of work.

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Principal subjects

From May 2004 to July 2010
University of Macedonia,
Thessaloniki, Greece

PhD in Information Systems

Title of the PdD thesis: ICT investments evaluations: A real options framework of analysis.

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Principal subjects

From February 2001 to March 2003
National Technical University of Athens, Kapodistrian University of Athens, University of Piraeus
Athens, Greece

MBA in Techno economic Systems :Technology Systems Management

- Main courses taken: General Accounting, Game Theory & Corporate Strategy, Managerial Economics, Operation & Production management, Business Process Re-Engineering, Total Quality Management, Electronic Commerce, Logistics Management, Investments Evaluation, Managing Innovation Systems, Corporate Finance, Information Systems, Information and Communications Technology Systems
- *Thesis: E-business in public organizations*

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Principal subjects

From September 1997 to September 1998
King's College London (K.C.L.), University of London
London, UK

MSc in Communications and Radio Engineering

- Direction in wireless telecommunications
- *Master thesis: A study of Intelligent Antennas in Mobile Communication Systems*

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Principal subjects

From September 1990 to July 1995
Democritus University of Thrace, Polytechnic School
Ksanthi, Greece

Diploma in Electrical and Computer Engineering

- Direction in Telecommunications
- *Diploma thesis: Bandpass filters design with microstrip lines*

RESEARCH PUBLICATIONS

INTERNATIONAL JOURNALS AND CONFERENCES

1. Angelou, G.N. and Economides, A.A., (2010) "Broadband business for new entrants, A techno-economic analysis for utility based firms" in CTTE Conference 2010, Ghent, Belgium.
2. Angelou, G.N. and Economides, A.A. (2010) "Integrating Real Options with AHP and GP for prioritizing ICT infrastructure projects" Accepted for publication in Int. Journal of Management and Decision Making.
3. Angelou, G.N. and Economides, A.A., (2009a) Price competition in ICT business. MCIS 2009. Athens, Greece, 25-27 September 2009
4. Angelou, G.N. and Economides, A.A. (2009b) Broadband business opportunities for utility based firms in the new era: modeling the competition. In BCI 2009 Conference. Thessaloniki, Greece, 17-19 September 2009
5. Angelou, G.N. and Economides, A.A., (2009c) "Staged competition modeling in broadband business field" accepted for publication to WOC 2009. July 6 – August 7, 2009, Banff, Alberta, Canada
6. Angelou, G.N. and Economides, A.A. (2009d) "A multi-criteria game theory and real options model for irreversible ICT investment decisions". Telecommunications Policy 33 (2009) 686–705
7. Angelou, G.N. and Economides, A.A. , (2009e) A compound real option and AHP methodology for evaluating ICT business alternatives. Telematics and Informatics Volume 26, Issue 4, November 2009, Pages 353-374.
8. Angelou, G. N. and Economides, A. A. (2008a). A decision analysis framework for prioritizing a portfolio of ICT infrastructure projects. IEEE Transactions on Engineering Management, 55(3), 479-495, August.
9. Angelou, G. N. and Economides, A. A (2008b). A real options approach for prioritizing ICT business alternatives: A case study from broadband technology business field. Journal of the Operational Research Society. 59(10), 1340-1251, October. doi:10.1057/palgrave.jors.2602477.
10. Angelou, G. N. and Economides, A. A. (2008c). E-learning investments evaluation: a multicriteria model. 2nd International Conference on Educational Economics, August 2008, Athens, Greece.
11. Angelou, G. N. and Economides, A. A. (2007a). E-learning investment risk management. Information Resource Management Journal, 20(4), 80-104, October – December.
12. Angelou, G.N. and Economides, A.A. (2007b). Controlling Risks in ICT investments with Real Options thinking, Proceedings 11th Pan-Hellenic Conference on Informatics (PCI 2007), University of Patras, Greece 2007.
13. Angelou, G.N. and Economides, A.A. (2007c) A fuzzy growth options approach under competition threat. Journal of International Business and Economy, Vol. 8, No. 1, Spring 2007.
14. Angelou, G.N. and Economides, A.A. (2007d) Managerial flexibility quantification under competition threat in ICT investments. International Journal of Revenue Management (IJRM).
15. Angelou, G.N. and Economides, A.A. (2006a) "A Fuzzy Growth Options approach under competition threat", Proceedings MIBES -Management of International Business & Economic Systems Conference, 2006.
16. Angelou, G.N. and Economides, A.A. (2006b) "ICT investments under competition threat", Proceedings 8th Hellenic Conference on Operations Research, 2006.
17. Angelou, G.N. and Economides, A.A. (2006c) "ICT investments as real options under competition threat", Proceedings ITS2006-International Telecommunications Symposium, 2006.
18. Angelou, G.N. and Economides, A.A. (2006d) "ICAT investment appraisal using Real Options", Proceedings 10th WSEAS International Conference on Computers 2006.
19. Angelou, G.N. and Economides, A.A. (2006e) "A real life ICAT investment analysis with real options", WSEAS Transactions on Business and Economics, Issue 4, Volume 3, pp. 253-260, April 2006.
20. Angelou, G.N. and Economides, A.A. (2006f) "Broadband investments as growth options under competition threat", Proceedings FITCE 45th European Telecommunications Congress 2006.
21. Angelou, G.N. and Economides, A.A. (2006g) "ICT growth options analysis under exogenous competition modeling", Proceedings First International Conference in Accounting and Finance, ICAF 2006.
22. Angelou, G. N., and Economides A. A. (2005). Flexible ICT investments analysis using real options. International Journal of Technology, Policy and Management, 5(2), 146–166.
23. Iatropoulos, A. D., Economides, A. A., and Angelou, G. N. (2004). Broadband investments analysis using real options methodology: A case study for Egnatia Odos S.A. Communications and

BOOK CHAPTERS

- Strategies, 55(3/4), 45-76.
24. Αδαμόπουλος Α., Χατζηπαντελής Ε., Αγγέλου Γ., Σταθοπούλου Α., 2005, «Τεχνοοικονομική Ανάλυση Συστήματος Τηλεμετρίας της ΕΥΑΘ Α.Ε.» Heleco 2005, Αθήνα.
 25. Αδαμόπουλος Α., Χατζηπαντελής Ε., Αγγέλου Γ., Σταθοπούλου Α., «Μελέτη Αξιολόγησης Συστήματος Τηλεμετρίας της ΕΥΑΘ Α.Ε.», Φεβρουάριος 2005, Τεχνική Επιθεώρηση.
 26. Angelou, G.N. and Economides, A.A. (2009) "Telecommunication Investments Analysis: An integration of various decision approaches in a multi-criteria perspective," Chapter in Handbook of Research on Telecommunications Planning and Management for Business.
 27. Angelou, G.N. and Economides, A.A (2008) E-learning Business Risk Management with Real Options. Book, Best Practices and Conceptual Innovations in Information Resources Management: Utilizing Technologies to Enable Global Progressions. <http://64.225.158.80/proofs/Khosrow-PourIRM/11.pdf>

ADDITIONAL INFORMATION

RESEARCH-ACADEMIC AWARDS & HONORS

- Research reward and pecuniary subsidy 2500€ from the Committee of Research of University of Macedonia for my research activity for year 2008.
- First from my year graduated from the 5year diploma program of studies of my basic study.
- Pecuniary reward from the Technical Chamber my Greece for my distinction in the last year of my basic study.
- Scholarships in the 2nd and 3rd year of my basic study from the National Institution of Government owned Scholarships.

SCIENCE & RESEARCH INTERESTS

- Evaluation of Strategic Investments in the Telecommunications and the Information technology business fields
- Risk management in Information Communication Technology business.
- Management of technology systems

SEMINARS, CONFERENCES & EXHIBITIONS

- 22/11-26/11/2010 Management by Objectives and Measurement of Efficiency, National Centre of Public Administration, Institute of Training Thessaloniki.
- 15/11-19/11/2010 Institutional Frame, License and Applications of Renewable Sources of Energy, National Centre of Public Administration, Institute of Training Thessaloniki. ¶¶
- 16/7/2008 Analysis of basic management guidelines, International Forum Training Consulting Ltd, Thessaloniki.
- 15/4-16/4/2006 Substations of Medium Voltage: Systems of Protection and Maintenance of Substations, International Forum Training Consulting Ltd, Thessaloniki.
- 04/05 Exhibition of Automations and New Technologies, Hanover, Germany.
- 02/05 of HELECO 05, 5th International Congress on the Environmental Technology, Athens.
- 19/11-23/11/03 Education of Inspectors Quality Assurance System EN ISO 9001:2000, TUV AUSTRIA HELLAS, Thessaloniki.
- 15/9-27/9/03 Comparative Evaluation "Benchmarking", INA Thessaloniki.
- 05/03 Software of Hydraulic Simulation, STRUMAP, Thessaloniki
- 01/03 of HELECO 03, 4th International Congress on the Environmental Technology, Athens.
- 11/02 7th International Congress Administration of Enterprises Aristotle: The new e-business environment - Opportunities for the Enterprises and the Management, EEDE, Thessaloniki.
- 09/02 3G Radio Access Network system, Nokia, Athens
- 11/01 IP & Core Network Planning, Nokia, Milan
- 05/01 UMTS RF Planning, Nokia, Milan
- 02/01 RANOP Training for the Trainers, Nokia, Brussels
- 11/00 BSSSYS, Nokia BSS System, Nokia, UK
- 10/00 UMTS System Planning, Nokia, Milan
- 09/00 GPRS System, Nokia, Milan
- 07/00 Indoor Planning, Nokia, Athens
- 06/00 Nokia BSS Parameters, BSSPAR, Nokia, Milan
- 05/00 Totem Network Planning Tool, Nokia, Helsinki
- 02/00 Radio Network Planning, EXPLAIN, Nokia, Milan
- 11/99 Radio Network Optimization, RANOP, Nokia, Paris
- 05/99 The Third Annual GSM 1800 Global Summit, Athens
- 12/98 Mobile Communication Networks Planning, Italtel, Athens

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **Greek**

OTHER LANGUAGES **English** (level: excellent)

SOCIAL SKILLS AND COMPETENCES Adaptation in multicultural environment: I had the opportunity to work for 4 years as a team member, in international companies in Greece and abroad and cooperate with colleagues and managers of various nationalities.

ORGANIZATIONAL SKILLS • Coordination of large numbers of employees both EYATH and external partners that aimed to

AND COMPETENCES

ensure uninterrupted, efficient and environmentally operation of water and sanitation systems of the Thessaloniki area.

- Coordination of work teams of engineers and scientists for production of scientific studies and techno-economic analysis projects.
- Inspector of Quality Management System 9001:2000: Successful follow-up five-day seminar (42 hours) and certification by TUV AUSTRIA HELLAS after the relative examination.

TECHNICAL SKILLS AND
COMPETENCES

COMPUTERS

Excellent general user knowledge.

CLEAN DRIVING LICENCE

INTERESTS AND
ACTIVITIES

History, Music, Cinema