PERSONAL INFORMATION

Name	KOLOVOS, FILIPPOS
Address	AUTOMATION & NETWORKING DEPARTMENT
	UNIVERSITY OF MACEDONIA LIBRAY
	EGNATIA 156, GR-54006, THESSALONIKI, GREECE
E-mail	f.kolovos@gmail.com
Nationality	GREEK
Date of birth	13TH AUGUST 1976

WORK EXPERIENCE

PROJECTS & ADMINISTRATION

• Dates	09/01/2006 – Today
• Name and address of employer	University of Macedonia, Economic and Social Sciences, Library
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Systems and LAN Administrator

• Main activities and responsibilities

– Administration of the Linux and MS Windows servers and of the networking components that provide the Library's electronic services to its users
– Administration of the Library's LAN with Active Directory and DNS Services
– Technical support of the Library's personnel in technical, software matters and in matters of specialized applications (Horizon)
– Technical support of the Library's outbuildings in Naousa and Edesa and of the University's pilot school in Thessaloniki
– Server and PC support, in network cabling, security and backup issues

• Dates	08/10/2004 – 24/10/2005
• Name and address of employer	Greek Army General Staff
• Type of business or sector	Hellenic Army
• Occupation or position held	Reserve Second Lieutenant of the Research and Computer Science Core

• Main activities and responsibilities

– Technical support of the military personnel in technical and software matters
– Server and PC support, in network cabling, security and backup issues

• Dates	01/03/2002 – 30/04/2004
• Name and address of employer	University of Macedonia, Economic and Social Sciences, Library
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Computer Analyst/Software Engineer
• Main activities and responsibilities	European project *Cultural Objects In Networked Environments* (COINE) of the *Information Society Technologies* (IST) European Programme (http://www.coine.org)

- Analysis of the end-user requirements and preparation of deliverable & management reports (in English)
- Continuous meetings with a set of trial users, in order to determine their requirements at first and at a later stage to test the system to see whether it fulfilled their initial requirements using structured techniques (i.e. questionnaires)
- Composition of the appropriate technical specifications for the purchase of a computer system with its digitization accessories (i.e. scanner and digital camera) that would be used for the project's purposes
- Digitization of the users' material (e.g. photographs, manuscripts, etc)
- Presentation of the project in conferences and workshops
- Attendance to scheduled meetings with the COINE Project Board, in order to discuss and to check the project's progress
- The project consisted of seven partners from five European countries: United Kingdom, Ireland, Greece, Spain and Poland

• Dates	01/10/2001 – 31/12/2001
• Name and address of employer	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Computer Analyst/Software Engineer
• Main activities and responsibilities	Project "Ε42 – Επιμόρφωση Επιμορφωτών στα Νέα Δικτυακά και Υπολογιστικά Συστήματα (ΕΠ.Ε.Ν.Δ.Υ.Σ.Η.) (*Education of teachers in the new Network and Computer Systems*)

- Production of educational material, accessible online through the Internet, in the subjects of *Computer Network Design, Computer Network Implementation* and *Wireless Networks*
- Development of an interactive online environment in JavaScript, with review questions for the purposes of user evaluation

• Dates	07/07/1999 – 07/03/2000
• Name and address of employer	"Technological Education" Laboratory
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Software Engineer
• Main activities and responsibilities	Project "Διαδραστικό Εκπαιδευτικό Λογισμικό για Υπολογιστικά Συστήματα (Δ.Ε.Λ.Υ.Σ.) (*Interactive Educational Software for Computer Systems*)"

- The aim of the project was the production of an educational multimedia CD-ROM, entitled "Computer Lab"
- Development of one of its modules, "The Micro world of programming", where the user is able to write and to compile simple programs in a Pascal-like language, the *X language*
- The programming language C and the Backus – Naur form programming tools Flex & Bison, were used for the development of the compiler of the X language, while the user interface was developed exclusively in Macromedia Director 7.02 with extensive use of its internal programming language, Lingo
- The "Computer Lab" was nominated among the 30 best multimedia productions of Europe at the European multimedia contest "EUROPRIX" (http://www.europrix.org) in October 2002, out of approximately 600 participations from all over Europe
- Won the "Grand Prize" at the 3rd Greek Mobius Multimedia Festival 2002
- Won the 1st Prize at the 3rd Greek Multimedia and Internet Awards, in April 2002

EDUCATIONAL WORK EXPERIENCE

• Dates	01/09/2003 – 31/12/2003
• Name and address of employer	Interdepartmental Program of Postgraduate Studies – Master in Information Systems (M.I.S)
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Instructor
• Main activities and responsibilities	Laboratory of the module "Telecommunications and Networking Technologies", second semester

- Lectures on an open source network simulation tool, the NS-ALLINONE v. 2.26, and some practical topics on structured cabling
- Preparation of the students' notes, preparation of the laboratory for the lectures and examination of the students

• Dates	18/02/2004 – 17/05/2004
	09/12/2002 – 14/02/2003
• Name and address of employer	Company of Exploitation and Management of the University's Estate
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Instructor
• Main activities and responsibilities	

- Computer Seminars-Specialization Programs, entitled "Design – Development and Management of a Web Site"
- Preparation of notes and lectures on various topics concerning the development and management of a Web Site

• Dates	24/02/2003 – 06/05/2003
	10/09/2002 – 01/11/2002
• Name and address of employer	Research Committee
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Assistant Instructor
• Main activities and responsibilities	Project "Αξιοποίηση των Τεχνολογιών της Πληροφορίας & των Επικοινωνιών στην Εκπαίδευση" (Exploitation of the Information and Communication Technologies in Education)

- Seminars for the education of high school and senior high school teachers in computer usage and in the new technologies of the Internet (Microsoft Windows, Microsoft Office 2000 and Internet usage)

• Dates	31/10/2002 – 17/12/2002
	18/02/2002 – 10/04/2002
• Name and address of employer	Company of Exploitation and Management of the University's Estate
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Instructor
• Main activities and responsibilities	

- Computer Seminars-Specialization Programs, entitled "Internet Usage"
- Preparation of notes and lectures on various topics concerning the structure and usage of the Internet in, mainly, novice users

• Dates	23/02/2000 – 18/03/2000
• Name and address of employer	Company of Exploitation and Management of the University's Estate
	University of Macedonia, Economic and Social Sciences
	156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Type of business or sector	Education, Scientific Research
• Occupation or position held	Instructor
• Main activities and responsibilities	

- Computer Seminar-Specialization Program, entitled "Modern Technologies of Computer Networks"
- Preparation of notes and lectures on various topics concerning Local Area Networks (LANs), their interconnection and management

EDUCATION AND TRAINING

• Dates	September 2000 – September 2001
• Name and type of organization providing education and training	The University of Sheffield Western Bank Sheffield S10 2TN United Kingdom
• Title of qualification awarded	Master of Science in Engineering in Data Communications
• Principal subjects/occupational skills covered	– Analysis and Design of Networks (Queueing Theory) – Object-Oriented Programming (Java) – Database Interconnection through the Internet (Java Server Pages & ODBC) – Mobile Networks – Study of the Physical Layer – Development of an optimized Application Layer Protocol in XML (Dissertation)
• Dates	September 1995 – September 2000
• Name and type of organization providing education and training	Department of Applied Informatics University of Macedonia, Economic and Social Sciences 156 Egnatia Street, GR-540 06, Thessaloniki, Greece
• Title of qualification awarded	Ptychion Bachelor Degree in Applied Informatics
• Principal subjects/occupational skills covered	– Computer Science (Architecture of computer systems, operating systems, etc) – Computer Programming – Computer Networks & Simulation Techniques – Statistics – Operational Research – Development and study of compilers (Undergraduate thesis)
• Dates	1994
• Name and type of organization providing education and training	7th Lykeio (Senior High School) of Thessaloniki, Greece
• Title of qualification awarded	Apolytirion

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	GREEK
OTHER LANGUAGES	
	ENGLISH
• Degrees	1997: CERTIFICATE IN ADVANCED ENGLISH (CAE) 1992: FIRST CERTIFICATE IN ENGLISH (FCE)
• Reading skills	EXCELLENT
• Writing skills	GOOD
• Verbal skills	EXCELLENT

FRENCH

• Degrees	1992: CERTIFICAT DE LANGUE FRANÇAISE
• Reading skills	BASIC
• Writing skills	BASIC
• Verbal skills	BASIC

SOCIAL SKILLS AND COMPETENCES

- Team Work: I have worked in various types of teams in my professional and private life. From instructor teams in computer seminars, to a group in a European Project. Also, during my school years I was a scout, where the team spirit is prevalent in almost every activity and I also served as a squad leader (5-10 persons per squad) for at least 2 years

- Communication Skills: I have developed good communication skills from my work experience as an instructor to various types of audiences (from undergraduate and postgraduate students, to professionals), where the need to convey the information to the audience in an effective and intelligible way is essential

TECHNICAL SKILLS AND COMPETENCES

From my education and my work experience, I have acquired technical skills and competences in various sections of the field of computer science, which are mentioned below:

Operating Systems:
- Linux Distributions: Debian, Fedora Core, CentOS and Red Hat (Administration and application development)
- Windows 2003, 2000, XP (Administration and application development)
- Experience in the configuration and management of Web, FTP, Proxy and DHCP services with Linux and MS Windows servers

Programming Languages
- Development of dynamic web pages with Active Server Pages (ASP), Java Server Pages (JSP), Java Servlets, Java Beans, Javascript and Vbscript. Interconnection of dynamic and static web pages with databases through the Internet, with ActiveX Data Objects (ADO) and ODBC.
- XML, DTD Structuring, HTML, DynamicHTML (Document Object Model & Cascading Style Sheets)
- Visual C++, Visual Basic, Java, Delphi, C++, C, Turbo Pascal, Fortran, Lingo, SQL
- Programming in MATLAB
- Significant experience in the Backus – Naur Form programming tools, Bison & Flex

Web Page Development – Multimedia Tools
- Macromedia Flash, Dreamweaver & Director (Very good)
- FrontPage, Toolbook, Adobe Photoshop 7.0

Special Knowledge
- Design and development of event-driven simulations in general purpose programming languages (i.e. C and C++) and with specialized simulation tools (i.e. NS-Allinone 2.26)
- Technical support in hardware and software issues of computer systems
- Experience in the configuration and management of Firewalls, such as Norton Firewall, Firestarter, SuSEFirewall and IPTABLES (rule syntax for filtering the inbound and outbound traffic, port blocking, NAT services, etc)

ADDITIONAL INFORMATION

PUBLICATIONS

'An Electronic Online Access Showroom for the new acquisitions of the Library of University of Macedonia', Library Hi Tech News Journal, incorporating Online and CD Notes", vol. #21, January – February 2004, Emerald Group Publishing Ltd

CONFERENCES – WORKSHOPS

Papoulia, A., Kolovos, F., Mavridis, M. *'Content enrichment and enhancement of the online catalogue of the University of Macedonia Library and Information Centre',* presentation, 16th Panhellenic Academic Libraries Conference, 01-03/10/2007, Athens, Greece

Kolovos, F., Banos, E. '*A Centralized Terminal Management System for the University of Macedonia Library and Information Centre',* presentation, 15th Panhellenic Academic Libraries Conference, 01-03/11/2006, Patras, Greece

Kolovos, F., Papargeris S., Tsanaktsidou, E.,'*An Electronic Online Access Showroom for the new acquisitions of the Library of University of Macedonia*', presentation, 12th Panhellenic Academic Libraries Conference, 12-14/11/2003 Seres, Greece

Kolovos, F. '*Promoting Culture – COINE*', presentation in English, PULMAN XT Training Workshop, 12-17/04/2003, Veria, Greece

Baliou A., Kolovos, F.'*COINE – Cultural Objects In Networked Environments*', presentation, 11th Panhellenic Academic Libraries Conference, 06-08/11/2002 Larissa, Greece

Kolovos, F. '*COINE – Cultural Objects In Networked Environments*', presentation in English, PULMAN Training Workshop, 14-21/09/2002, Veria, Greece

Dagdilelis V., Evangelidis G., Satratzemi M., Efopoulos V., **Kolovos F.**, *'Το Περιβάλλον Χ: Ενας Μικρόκοσμος για μια Εισαγωγή στον Προγραμματισμό' (The X environment: A microworld for an introduction to programming),* in Proceedings of "Computer Science and Education" conference, November 2000, Thessaloniki

PERSONAL INTERESTS
  - IEEE and IEEE Computer Society member for nine (9) years
  - Volunteer blood donor for two (2) years
  - Swimming and weight lifting

References available upon request