CURRICULUM VITAE

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PERSONAL INFORMATION

Name	**GEORGIOS YFANTIS**
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Web Site	**http://www.giorgosyfantis.gr**
Nationality	**GREEK**
Date of Birth	**16.12.1981**

WORK EXPERIENCE

• *Dates*	September 2010 – present
• *Name and address of employer*	
• *Occupation or position held*	Promotion and Publishing of Artists via Internet Marketing
• *Main activities and responsibilities*	Using Modern methods of Marketing and analyzing individual data and characteristics of visual artists, there is an effort to increase their profits by publishing and promoting their work, minimizing the cost, taking advantage of the opportunities that make Internet the biggest marketplace. This is achieved by constructing specifically designed Web pages and Web applications for this category of artists and then by measuring and analyzing statistical data to determine the most effective Marketing methods to be used in order to promote them massively in market within very short time.
• *Dates*	January 2010 – present
• *Name and address of employer*	
• *Occupation or position held*	Electronic shops and Social Networking
• *Main activities and responsibilities*	From the first days of 2010, I started constructing an electronic shop (eShop) as I asked from individual shops in order to make their companies more flexible in the market. eShops are developed in PHP language in collaboration with SQL database and tools like Flash (Actionscript 2.0), Jscripts and other modern tools and technologies. A demonstration of eshops developed by me can be found in my personal web page [more in site: www.giorgosyfantis.gr/en/index-12.html]. Also started development of an idea about a social networking based Travel experience.
• *Dates*	December 2008 – December 2009
• *Name and address of employer*	
• *Occupation or position held*	Education of Adults in Informatics
• *Main activities and responsibilities*	Teaching IT courses to adults, both initially at beginner level, but then at an advanced level. Some of the included parts of teaching are: structure and concepts of Computer - Peripherals, Office Suites Using Automated Office, Good and constructive search on Internet search engines, develop critical thinking and assessment of new technologies on the Internet.
• *Dates*	February 2007 – May 2007
• *Name and address of employer*	Aegean Balcony, Athinon 8 Street, GR-13671, Acharnai-Greece
• *Occupation or position held*	Web site construction and designing
• *Main activities and responsibilities*	Having the main responsibility for the designing and development of a Web page. Owner of this company is a constructor of luxury dwellings in Andros island (Aegean Sea). The web site is still available on Internet at the address: *www.aegeanbalcony.gr*

• *Dates*	April 2006 – August 2006
• *Name and address of employer*	National Organisation of Telecommunications (O.T.E), Kifisias Av. 99, GR-15124, Marousi-Greece
• *Occupation or position held*	Development of an Internet Application for Controlling events on the servers
• *Main activities and responsibilities*	The application based on ASP.NET programming environment in use with a MySQL Database. Aim of this application is to manage various information from syslog and event viewers of servers of the National Network. So users through this friendly interface can be informed continuously about errors that occur. The application gives the opportunity to specific administrators to make all the necessary acts in resolving some problems, through a security portal.
• *Dates*	December 2005 – March 2006
• *Name and address of employer*	Port Marine Supplies NV, Driemasterstraat 62, Gent-9000, Belgium
• *Occupation or position held*	Designing and Development of a Software application for Logistics of the company
• *Main activities and responsibilities*	As Analyser for the needling of the company for the upgrading of an already existing software which care of saving and logging of orders, customers, products and calendar of the company. The development of this software accomplished with Microsoft Visual Studio 2005 and in association with programming languages as C and C#, as also with Databases (MySQL, SQL Plus)
• *Dates*	March 2005 – September 2005
• *Name and address of employer*	KaHo Sint-Lieven Hogeschool, Campus Rabot Gebroeders Desmetstraat 1, Gent-9000, Belgium
• *Occupation or position held*	Development of Embedded System for KaHo University, which combine Software/Hardware part
• *Main activities and responsibilities*	As Erasmus student, for the needs of my Final Project, I was responsible for the development of the Firmware (microcontroller's programming) of an educational system. Whole project, based on the most modern models and products that there are in the market at the moment. This system had also the Software development based on Visual .NET C# 2005, and is in use from September of 2005 at the University of KaHo in Belgium for educational purposes. (Available project documentation)
• *Dates*	October 2004 – February 2005
• *Name and address of employer*	Technological Educational Institute of Kavala, Greece on department of Industrial Informatics
• *Occupation or position held*	Project Manager of a 7 student team.
• *Main activities and responsibilities*	Have the Main responsibility of a Project that develops an automatic unit of wine production. Managing a team with 7 students that any of them has a specific occupation (R&D Specialists, Marketing and Sales department, engineers, etc). Also responsible for the communication, construction and receipt of the final product to the customer, who is professor E. Nikolakopoulos, of University of Kavala (Research & Development of Philips, Germany) (Available project documentation)
• *Dates*	March 2004 – June 2004
• *Name and address of employer*	Kavala Oil S.A., N. Karbalh, GR-64006 Kavala-Greece
• *Occupation or position held*	Tester of a Software Engineering application (simulate)
• *Main activities and responsibilities*	For the needing of a course, that we were a 7 students team and we had to create and present a Software Engineering Application. This application calculates and presents the dangers and the effects of a possible industry accident at a gas tank. The tests made with open/closed source code analyzing with dynamic and static control tests (Available tester documentation)
• *Dates*	March 2004
• *Name and address of employer*	Klimax S.A., M. Alexandrou 109-111 Street, GR-10435, Athens-Greece
• *Occupation or position held*	Web site construction and designing
• *Main activities and responsibilities*	As web developer and designer of whole the Web Site of an organisation in Greece called "Klimax". The web site is still available on Internet at the address: http://www.klimax.gr
• *Dates*	September 2000 – January 2001
• *Name and address of employer*	Electron S.A., Antioxeias 68 Street, GR-14341, N. Philadelphia-Greece
• *Occupation or position held*	Laboratorial workman
• *Main activities and responsibilities*	Contributing to the laboratories at the section of manufacturing Sound systems, Optical Systems and Systems Laser (mainly for large concerts, clubs and official demonstrations)

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EDUCATION AND TRAINING

• *Dates*	July 2010
• *Name and type of organization providing education and training*	*National Centre for Scientific Research "Demokritos"*
• Principal subjects/occupational skills covered	*Participated in Summer School Camp of 2010 of Demokritos Research Center about new researches and perspective of Informatics area*
• *Dates*	February 2010
• *Name and type of organization providing education and training*	Technological Educational Institute (T.E.I) of Kavala, Greece, School of Technological Applications (S.T.EF.) on the department of Industrial Informatics (Highest Education)
• Principal subjects/occupational skills covered	Graduate of the department with title of diploma: *"Engineer of Industrial Informatics"* with diploma degree 7.07 (out of 10). Diplomatic Issue with subject: *"Development of a system for educational purpose of a Belgian University"* titled: "*C# Application in communication with Microcontroller*" and degree of issue 9.0 (out of 10)
• *Dates*	*June 1999*
• *Name and type of organization providing education and training*	*4th Lyceum of Acharnai, Greece*
• Principal subjects/occupational skills covered	*Graduate of Lyceum (Middle Education) with general grade 15.8 of 20*

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE — **GREEK**

OTHER LANGUAGES	**ENGLISH**	**DUTCH (BELGIUM)**
• Reading skills	EXCELLENT	MEDIUM
• Writing skills	EXCELLENT	MEDIUM
• Verbal skills	EXCELLENT	MEDIUM

SOCIAL-ORGANIZATIONAL SKILLS AND COMPETENCES

- *Team work:* I have worked in various types of teams and many times as leader always with Positive results for the purposes of the team
- *Intercultural skills*: I am experienced at working in a European dimension as reason of a personal research that I made the last years with Greek organizations. Also can be added my "Erasmus" experience that I worked with Belgium professors and students from other countries of European Union

TECHNICAL SKILLS AND COMPETENCES

- Competed with all automated Office Suite of Microsoft (Microsoft Office Suite) and applications: Adobe Photoshop, Illustrator, InDesign, After Effects, Dreamweaver, Flash, Microsoft Web Expression 4 as also: AutoCAD, MathCAD, MatLab.
- Working with Operating systems as: Windows, UNIX, LINUX and Macintosh.
- Excellent knowledge (and experience) of :
  ASP.net 3.5, C#, CSS, XHTML, PHP, AJAX,JS, JQuery, VB.net, C, C++, C++ Builder, Visual C++, Flash/Shockwave, ActionScript 2.0, HTML, Joomla, WEB 2.0, IIS, Java, HTML, SQL, PL/SQL and SQL PLUS, UML, Visual .NET Studio 2008, XML, XSL, Assembly

  And other Languages and Development tools, like:
  MPLAB for Microcontrollers and MiniTab for Quality Control and Statistics.
- Experienced also in: Development of Dynamic (and Flash) Websites, eShops, Embedded Systems, Graphics, Artificial Intelligent, Technical Support and Setup of Networks.

OTHER INFO And Future Plans

- Participated in student exchange program of the European Union Erasmus scholarship from the Foundation Scholarship (IKY)
- At my close future plans are to take part in a postgraduate program on Administration and Financial Management Information Systems.

ADDITIONAL INFORMATION

- Army obligations have accomplished.
- Samples of Work can be found in webpage: www.giorgosyfantis.gr.

For more information:
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USEFUL INFORMATION ON TAUGHT COURSES OF INDUSTRIAL INFORMATICS DEPARTMENT

INTRODUCTION TO SOFTWARE ENGINEERING

Introduction in the Technology of Software, Activity of Software and Models of Circle of life of software, Technology of Requirements, Analysis of Requirements, Techniques of Definition and Specification of Requirements, Modelling Formal Specifications, language Z, Designing, Object oriented Analysis and Designing - import in symbolic language UML, Concretisation of software and documentation of software. Reliability of software, Dynamic Control of software, Use of CASE tools

SOFTWARE PROJECT MANAGEMENT – SOFTWARE QUALITY

Designing and time planning of software project, Management of human potential, Estimate of Cost, Management of Venturous ness of systems of critical safety, Guarantee of quality, Models, Measurements. Static Control of software, Improvement of activity, Maintenance of software - Management of changes and shaping

ENGINEERING OF COMPUTER BASED SYSTEMS

The Theory: Important Attributes of Systems,Systems and their environment,Models of Systems,Methods of Systems Technology,Systems Supply The Action: Requirements, Specifications, Analysis of Venturous ness, Growth, Traceability, Models of growth of system PRP and Projects, Clock and responsibilities, Follow-up and Control, Lists of control and templates.The Future: Installation, Operation, Production (DMR) Changes, with drawl

MICROCOMPUTERS AND MICROCONTROLLERS

Architectural structure of computer. Forms and technologies of memory. Mapping of memory and decoding of addresses. Architectural structure of microprocessor. The interruption and her processes of service. Units of Input-Output. Completed circuits parallel and serial communication. Languages of machine and Assembly

INDUSTRIAL AUTOMATISM

Introduction in the principals and the practical methods of automatic control of machines, activities and systems. Presentation of principals of manufacture, use and planning of Programmable Logic Controllers (PLCs). Laboratorial exercise in the programming of PLC.

PRODUCTION ENGINEERING

Basic introductive significances of production planning. Attributes and models of planning of production (Models of structure, exploitation of raw material, time planning of production etc). Flexible systems of production. Examples of minimisation and maximisation of variables of production. Methodology of manufacture of Mathematic Models of Optimisation of production and Resolution of problems of structure of production with use of specialised software. Elements of industrial Design

ARTIFICIAL INTELLIGENCE AND LOGIC PROGRAMMING

Artificial Intelligent: Review of Artificial Intelligence. Description of problems in space of situations. Study of algorithms of blind search (e.g. search First in-depth, First in Width, Repetitive Deepening, etc). Study of algorithms of searching interrelation (e.g. search with Ascension of Hills, First in Best, etc). Algorithms of search in games of two opponents (e.g. the algorithm Minimax). Problems of satisfaction of restrictions. Representation of knowledge. Logic, structured representations of knowledge, systems of rules. Handling of uncertainty with use of probabilities, with approach Dempster-Shafer, etc. Elements of vague logic. Elements of not symbolic methods that include neuronal networks and genetic algorithms.
Logic Programming: Principals of reasonable planning, Examination in sentential and categorical logic. The principal of decision (resolution principle), replacement and unification. Import in Prolog, Relation of Prolog with categorical logic. Basic significances of logic programs, makes, rules, questions, terms. Retrospective structures of data, cutting off, refusal as failure. Processes of input/output, numerical incorporated processes, definition of terms. Methodology of planning. Applications of Prolog in problems of Artificial Intelligence.

INTRODUCTION AT THE DATA BASES – SPECIAL OBJECTS ON DATA BASES

Introduction in the basic significances of data bases systems and management of data bases. Determination of advantages of data bases systems with accent in the independence of data. Presentation of architectural ANSI /SPARC. Description of operations of system of management of data bases (DBMS). In detail cover of relation model. Introduction in the designing of bases of data with the Model of Entities of Cross-correlations. Use of data sublanguage SQL. Designing, development and management of Data Bases. The “natural” Data Base. Comprehension of operation of Data Base System Management. Net frame and hierarchic model. Object oriented data bases (OODB). Systems of client-server. Real time Data Bases. Data Bases in the main memory. Inductive data bases, Embedded SQL, Role of Data Base Administrator, Data bases on Networks, XML and PHP

INTELLIGENT SYSTEMS

Review of Calculating Intelligence for applications of modelling of industrial systems. Presentation of experienced systems of rules. Techniques with use of trees of decision. Elements of theory of vague totals and vague logic. Various techniques of conclusion. Designing of vague systems for industrial applications. Accent in the exploitation of experience with techniques of type Mamdani or of measurements with techniques of type Sugeno. Techniques of parallel learning with neuronal networks. Familiarization with the technique of feedback learning. Various improvements in the education of neuronal network. Nerve-vague systems and techniques of combination of advantages of vague systems they handle the doubt with the advantages of neuronal networks for parallel learning. Statements of operation of genetic algorithms for optimisation of systems. Principals of representation of knowledge with certain arranged totals and advantages in practical applications. Algorithms of learning for optimisation of systems.

OPERATING SYSTEMS AND SYSTEM PROGRAMMING

The role of functional system. The significance of work (job). Systems multiprogramming, sharing of time, distributed, real time. Management of memory and auxiliary memory. Management process. Interaction of material of - software. Interconnection with the user – protection and safety

QUALITY CONTROL AND DATA ANALYZING

Probabilities, distributions and sampling. Statistical tools for technologists. Standardization. Qualitative control and total quality in the industry. Forecasts and theory of decisions. Methods JIT, null faults in the production

TECHNOLOGICAL MARKETING

Analysis of system of administration marketing. Process and techniques of decision-making. The frame marketing of technology - product, placement, promotion, pricing. Consuming behaviour and advertisement (publicity). Marketing of technological services

ROBOTICS

Basic introductive significances include the structure and operation of robotics arrangements, motive mechanisms, sensory, artificial sight, flexible systems of production. Study of robotic operator of two degrees of freedom includes straight on and reverse movement analysis, movement speed and acceleration, static analysis, and dynamic analysis. Addition of third degree of freedom. Study of points of peculiarity. Territorial descriptions two and three dimensions. Vectors of transport, tables of rotation, homogenous tables of transformation. Study also (with examples) concretely technical problems as the placement of getting, the rotation round accidental vector, etc Also it is studied the description of turns. Movement study that includes figurative and rotational articulations as well as the algorithm Denavit-Hartenberg. Straight line movement analysis robot with accent in the calculating requirements of algorithms that are used. Reverse movement analysis and concretely the shaping of equations reverse movement, the existence of solutions, and the method of resolution. Are presented elements static robot, and elements of differential locomotion

COMMUNICATION NETWORKS WITH COMPUTER USE

Import in the digital telecommunication. In, speeds and faults of transmission. Parallel, synchronous and asynchronous transmission. Protocols of communication. Adaptation and transmission of digital signals. Telecommunication systems, Designing of Networks, Software of Networks, Architectures of Networks, Protocols of Communication, Protocols of report of faults, Systems of addressing, Systems of Name, Systems of Management of Networks, Programming with sockets, Management of network

NETWORK SECURITY AND PROTECTION

Becomes extensive analysis of cryptographic subjects, as symmetric and asymmetrical algorithms of encryption, certification of authenticity and digital signatures. Is analyzed the known system of certification of authenticity, Kerberos. Afterwards are examined subjects of safety of web server with report in server Apache, as well as questions that concern the safety of user (likely types of invasions, viruses and protection). Examining the safety of electronic post, are analyzed various models and products of safety e-mail, as PEM, PGP and S/MIME. Particular accent is given in the subjects of safety of electronic transactions, where they are examined as generally speaking characteristically Secure Sockets Layer (SSL) and resistance in attacks. Finally, becomes report in known systems of digital payments, as First Virual, Millicent, CyberCash and DigiCash

MANAGEMENT INFORMATION SYSTEMS

Organisms, administration, systems of information and networks: interactions and repercussions. Enterprising activities and operational systems. The strategic role of systems of information. Computers, telecommunications, networks, bases of data, telematics: new electronic and informative infrastructure in the 21st century. Management of data. Electronic trade and enterprising activities. The virtual-internet enterprise. Completed systems of supply, supplies, distribution - providing (Logistics) and Customer Relationship Management (CRM). Planning and replanning of operational resources and enterprising processes with completed informative systems (ERP - Enterprise Resource Planning and BPR - Business Process Reengineering). Methodological approaches in the planning and growth of systems. Systems administrative and organisational support. Management of knowledge and methodologies of brilliant calculation. Scientific decision-making and systems of support of decision. Safety and control of systems of information. Management of international systems of information. Organisational, moral, social and legal parameters and repercussions of informative systems in the enterprising and labour environment. Study of cases and applications.

TECHNICAL PROJECT MANAGEMENT

Study subjects of project management of software, as the planning and time planning of project, the management of human dynamic and the estimate of software cost. Presentation of methods of guarantee of software quality, via appliance of international models, static control of software and measurements of characteristics of quality. Modern methods of improvement of activities and study of subjects of maintenance of software.

MANAGEMENT OF HUMAN RESOURCES

Informal structures, social environment and human relations in the company. Choice, motives, and guidance of personnel. Leadership and monitoring. Safety and hygiene. Handling of human problems in the work place. Communication and public relations.

PRINCIPLES OF BUSINESS ADMINISTRATION

Introduction in the administration: definitions, history, significances, basic archetypes and models and the faculties of administration. Administration and internal/exterior operational environment. Systems, factors and resources. Resolution of problems and decision-making. Categories, levels, ways and processes of decision-making. Decisions in conditions of uncertainty. Criteria, evaluation and usefulness of decision, growth of alternative scripts and application of decisions. Systems of support of decisions and information of administration. Administrative operations. Planning: strategic, long-term and functional. Configuration and application of strategy. Organisation: significances, structures, forms, replanning and culture. Administration of human resources and incitement. Administrative faculties and leadership. Teams of work. Productivity of workers with particular knowledge. Management of conflicts. Communication and effective administration. Management of change, productivity and organisation. Management of time and planning of career. New models in the management. International management creativity and quality in the enterprises.

OPERATIONAL RESEARCH

Introduction in the linear programming: questioning, definitions, methodology and process of modelling, typology and applications. Modelling and graphic method. Applications and examples. Linear algebra. Algorithm simplex and calculating techniques. Binary. Analysis of sensitivity. Variable linear planning. Analysis of stability. Table of profits and methods of total criterion. Method of satisfactory objectives. Practical applications. Optimisation without restrictions. Methodologies Newton and spouses of directions. Absolute optimisation and under restrictions. Square planning and linearly limited optimisation. General algorithms of not linear planning. Programs of applications operational research.

DEONTOLOGY OF PROFESSION

Social Frame of Information technology: Introduction in the social repercussions of Computer scientist, social repercussions of found connections communication, increase and control of Internet, access in the Internet, questions in combination the sex, international questions *Methods and Tools of Analysis:* Proposal and evaluation of moral arguments, determination and evaluation of moral choices, comprehension of social frame of designing, determination of affairs and values

Professional and Moral Responsibilities: Community values and the laws with which we live, the nature of professionalism, advantages and disadvantages of professional issuing of authorisations, the role of professional in the public policy, moral disagreement, codes of moral, behaviour and practice, political “acceptable use of” Information technology in the labour space

Dangers & Responsibilities of Systems Based on Computer: Historical examples of dangers of software, evaluation and management of danger

Intellectual Property: Foundations of intellectual property intellectual rights, patents, and commercial secrets. Piracy of software. Patents of software, international questions with regard to the intellectual property.

For more information:
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