

CURRICULUM VITAE

Nikos Soumas

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EDUCATION

Master of Science Computer Science. **McGill University**, Montreal, Canada - 1994
Bachelor of Science Major : Computer Science. **Bishop's University**, Lennoxville, Canada - 1992
Minor : Mathematics

AWARDS - Foundation Second and Third Year Scholarship (Bishop's University)
- University Scholar (Bishop's University) during academic year : 1991 - 1992

MILITARY SERVICE IV Infantry Division, 6th Regiment, Computer Operator, Greece, 1995

PROFESSIONAL TRAINING

- Introduction to WordPress - WordPress Developer, Jan. 2023
- Introduction to Web Development in HTML5, CSS, JavaScript, Apr.2020
- Introduction to Python, Jun. 2017, Pan. Patras, Greece
- Basic Principles of Adult Education Aug. 2016
- Training of Adult Educators in Vocational Education and Training, M. 2016
- Technological Infrastructure - E-commerce (eshop), Pan. Athens, Apr. 2015
- Creating Dynamic Web Sites with Joomla, Pan. Athens., Jan. 2015
- Design and implementation of web pages (PHP, HTML, and MySQL), 01Pl., Jun. 2010
- AutoCAD Design Program, TEI of Peloponnese, Mar.2010.
- Geographical Information Systems (GIS), National University of Athens, Gr. 2009-2010
- Geographical Information System ArcGIS I (Arcinfo - ArcView), Ju. 2009
- Training of Instructors for Continuing Professional Development, Sep. 2006
- Education-Training of technicians in eLearning, GUnet, Apr. 2006
- Teaching of Computer Science? University of Peloponnese, Oct. 2005
- Management and Maintenance of the University Portal; ITY, Dec. 2003
- Management of Call Centres;; HiPath 3000 Manager; ITY,Jul. 2003
- Management of Computer Systems / Network Servers; ITY, Jul. 2003
- Netcool - Reporter, Micromuse S.A. Sep. 2002
- Netcool - Impact, Micromuse S.A. Sep. 2002
- Access Network (AEM - Ericsson), Eurocom S.A. Dec. 2001
- Cisco Info Center / Netcool - Omnibus Micromuse S.A., Austria, Aug. 2001
- Cisco – PIX for Users, Cisco S.A., May 2001
- Sun Systems/Unix Administration; Eurocom S.A., Mar. 2001
- MV41C Leased Lines Network Manager Operations; Marconi S.A. Italy, Jul. 2000
- TeMIP Platform Overview; Compaq S.A. Valbonne, France, Nov. 1999
- Java Programming; Eurocom S.A., Feb. 1998
- IBM - NetView TMN (Manager); IBM S.A., Jan. 1998
- Telecommunications Management Network (TMN) Concepts; IBM S.A., Dec. 1997
- IBM - NetView TMN (Agent Builder); IBM S.A., Dec. 1997
- HP - OpenView Network Node Manager; HP S.A. Jun. 1997
- Cisco Routers; European Dynamics S.A., Jun. 1996
- ATM Interfaces; Technognosis R&D S.A., May 1996
- Software Development; Speedware R&D Inc., Oct./Nov. 1994
- Speedware 4GL Design; Speedware R&D Inc., Sep. 1994

TECHNICAL SKILLS

Areas of Knowledge: Telecommunication Management Network, Network Operations, Communication Protocols, Network Systems Integration, Client / Server Architecture

Tools: Netcool/CIC, VPNSC, CiscoWorks/RWAN, Voice Manager, Netbackup/Veritas, NetView, HP-OpenView, Orcad, Rational Rose, Visio, ClearCase, Microsoft Office

Operating Systems: UNIX(BSD, System V), LINUX, Windows (NT/2000), MS-DOS

Languages: C/C++, Pascal, Visual C++, HTML, Lisp, Prolog, Perl, SQL, Estelle, Assembly (8086, 680X0, Sparc)

Information Systems: Hyper-G (HG-CSP), WWW (HTTP)

Network Programming: ONC(RPC), OSF/DCE(RPC), Microsoft(RPC), Sockets, Pipes

Communication Protocols : TCP/IP, SNMP, CMIP, X.25, ATM, XTP, CORBA

- National Organization for the Certification of Qualifications and Vocational Guidance (EOPPEP), Ministry of Education and Religious Affairs (Certification Code: EB 14296)

CERTIFICATION OF THE EDUCATIONAL COMPETENCE OF ADULT EDUCATORS

- Instructor Certification (Theoretical - Practical - Basic Skills) by the National Certification Centre for S.E.C. & S.Y.Y. structures.
- Professional Trainer Competency Certification according to the International Board of Standards for Training, Performance and Instruction (ibstpi) standards.
- Register of OAED - LAEK Programme Instructors. Instructor code :58328.

PUBLICATIONS

- ACTS Project AC080 : Management of Integrated SDH and ATM Networks. D10 : Adaptation to Existing Components. CEC Deliverable Number: A080 / ICOM / CS / DS / L / 005, 03/06/98.
- ACTS Project AC080 : Management of Integrated SDH and ATM Networks. ME16 : Demonstration of MISA components and testing systems; MISA Trials. CEC Deliverable Number: A080 / 01P / SDD / DR / P / 016 / b1, 30/06/98.
- Participated in a Book Publication "Multi-Domain Communication Management Systems", based on MISA (ACS Project AC080), ISBN:084930587X, CRC Press LLC, 2000 N.W. Corporate Blvd. Boca Raton, FL. 33431, USA.

PERSONAL

Citizenship : Canadian, Greek
Languages : English, Greek, Basic French
Date of Birth : 20 May 1966
Status : Married

Extra Curricular Activities : Travelling, Skiing, Swimming, Soccer, and Reading

WORK EXPERIENCE

Laboratory Teaching Staff

Aug.15 - present

University of Peloponnese, School of Humanities and Cultural Studies, Kalamata

- Laboratory / Applied Teaching work in the courses of the Department of Philology:
 - Informatics I (Computer Science I) - Word Processing
 - Informatics II - Web Design - Weblogs with emphasis on Education
 - Informatics III - Multimedia Utilization (Image / Audio Processing)
 - Informatics IV - Electronic Presentations

Laboratory Technical Staff

Aug.03 – Jul.15

University of Peloponnese, School of Humanities and Cultural Studies, Kalamata

- Laboratory / support work in the courses of the workshops "Introduction to Computer Science - Use of Computers", "Software Applications in Teaching and Literary Research", "Computer Science: Web Design with Emphasis on Linguistic Issues" and "Computer Science : The Use of the Internet in Literary Research" in the department.
- Management of Computer Systems (Unix, Linux, PCs). Technical support of computers and programs: secretariat, library, staff, faculty, laboratories, and classrooms. Technical support to the Seminars and Workshops organized by the School.
- Management of Network Devices (Routers, Switches, Hubs, Modems).
- Support for Ethernet, FDDI, ATM, and WAN computer networks using TCP/IP protocols.
- Management and maintenance of Network Servers (DNS-SMTP-WWW-FTPNews Servers), and the University Portal. Creation and maintenance of access accounts to communication and IT resources and services (students, faculty, and staff). Registration of data of the School's departments.
- Design, development, installation, operation and maintenance of advanced network services (telematics / teleconferencing services), applications (Internet / WWW, e-mail, etc.), and communication networks.
- Management of active and passive equipment of the telephone network (structure of Call Centres, assignment of numbers and rights according to the general policy of the Foundation, fault detection and repair). Collecting and processing statistics on the use of the telephone network and telematics services. Maintenance of structured cabling.

Technical Partner

Ιαν.05 – Δεκ.06

University of Peloponnese, Special Account for Research Funds

- Presentations on the uses of Broadband Networks at the University of Peloponnese (Research Project / FP - Promotion of Broadband Access in the prefectures of the Peloponnese Region).

Laboratory Associate Professor

Sep.03 – Jun 12

Technological Educational Institute (TEI) of Kalamata / Peloponnese

- Full-time Application Teacher sixteen hours per week (from 01/10/03 to 06/03/08) and five hours/four hours per week (from 07/03/08 to academic year 2012). Course Assignments:
 - Management Information Systems

- Computer Science I
- Computer Science II
- Computer Science III
- Computer Science IV
- Data Warehouses (I)
- (Total : 3392 hours)

IT Instructor
Oct.08 – present

Vocational Training Centres

- Teaching Courses:
 - Informatics - I
 - Computer Architecture
 - Network Management
 - Algorithmics and Data Structures, PASCAL
 - Programming Language C
 - Operating Systems I, II
 - Computer Usage
 - Word Processing / Word - Spreadsheets / Excel
- Teaching courses in Information and Communication Technologies in Vocational Training Centres (VTC). Teaching Courses for the certification of IT knowledge such as ECDL, DIPLOMA, and KEY-CERT.

Project Manager

Network Management Systems, Intracom S.A., Athens, Greece

Apr. 98 – Jul.03 -

Responsible for the Projects (Network Management Systems for National /International OTE's IP Network, Leased Lines Management Integrator, Network Management System for Access Network) with the following responsibilities:

Responsible for all the technical activities in the projects. Wrote detailed specifications and architecture documents. Supervised the project development in the frame defined by the project budget and time schedule. Monitored of the overall project progress. Decided the resource allocation per task for all activities. Responsible for interfacing the subcontractors (Oracle, Sun, Cisco, etc). Handled the ordering of the hardware and 3rd party software, and the deliveries to customers. Set and controlled the overall project quality procedures and processes.

- Member of five people team that prepared a technical and financial proposal for a suite of Network Management Systems for the Greek PTT, Panafon, etc.
- Organized training in topics related to the Operation and Maintenance of Network Management Systems. Prepared course materials and user manuals.
- Responsible for replying to international tenders for Telecommunications Management Network (TMN) systems. Participated in the following tenders: Greek PTT (OTE), MATAV (Hungary), Cyprus Telecom. etc.

**Telecommunication
Systems Engineer**

Network Management Systems, Intracom S.A., Athens, Greece

- Dec. 96 - Mar. 98 - Involved in the Configuration of the MISA (Management of Integrated SDH and ATM networks - Greek National Host) project. Participating in the design and implementation of a QSDH Agent. The development of the Agent focuses on the Network Management Layer of TMN. The primary platforms of the project are : IBM - NetView, C++, CMIP, ONC/RPC, RDBMS (Ingres).
- Participated in the system analysis, specification, and design of Network Management Systems for the Greek PTT.
 - Evaluation of existing Telecommunication Network Management platforms and development tools for the development of Network Management Systems based on SNMP and CMIP protocol.
 - Developed and executed Test Cases for CSMS (Cardphone Supervision Management System) to ensure that new designs meet customer requirements and appropriate world wide Standards.

**Network Systems
Integrator**

Technognosis Research & Development Inc., Athens, Greece

- Jan. 96 - Nov. 96 - Participated in the analysis, design and implementation of Local Area Networks (LANs), Wide Area Networks (WANs) and Satellite Networks used for teleconsultation and transfer of medical data (Hermes Project).
- Involved in the design and implementation of Telematic networks of two Administrative Regions of North-eastern Greece (East Makedonia - Thrace and Northern Aegean). The two Regions interconnect and manage all Regional Authorities, and a number of Municipalities with the use of VSAT networks, ATM networks, and leased lines.
 - Deployed and evolved networking solutions to meet specific customers requirements. Participated in the installation of Local Area and Satellite (V-sats) Networks. Developed HTML pages for Technognosis.
 - System administration in a heterogeneous environment. Maintained the integrity and security of operation of the company computer systems.

**Comm. Expert
(Software Developer)**

Speedware Research & Development Inc., Montreal, Quebec, Canada
R&D Client/Server Department.

- May 94 - Mar. 95 - Responsible for the requirement specification, and detail design, through final implementation and testing of a client /server communication layer using (RPC) Remote Procedure Calls, under a (DCE) Distributing Computing Environment, and Windows NT Environment.
- Designed and developed client/server applications for the Client/Edition family of Speedware's Software.
 - Participated in the integration of Communication modules within the client/server architecture (4GL Applications, 4GL Databases, GUI Engine, in a Distributing Environment).
 - Market research in applications of communication Protocols, Development Tools, and Windows Environments.

Research Assistant

Concordia University, School of Computer Science, Montreal, Quebec, Canada

- Sep. 93 - Apr. 94 - Implemented an XTP router for the Xpress Transfer Protocol (which combines the Transport and the Network layers of the OSI, version 3.6), in the Internet addressing domain using Estelle (Specification Language).

- Teaching Assistant** **McGill University, School of Computer Science**, Montreal, Quebec, Canada
- Jan. 93 - Apr. 94 - Assisted in teaching programming courses by providing and correcting assignments, midterms and final exams. Also helped students solve problems, and grasp the course material.
- Software Developer** **(CRIM) Centre de Recherche Informatique de Montreal**, Montreal, Quebec, Canada
- Mar. 93 - Sep. 93 - Writing a report on Design Patterns (Observer and Factory Methods) using ET++ application framework, C++, Sniff browsing and navigation system, and ETGDB dynamic debugger with a graphical editor.
- Participated in the development of a graphical user Interface (GUI) using Athena Widgets under Unix for an Intelligent Interface to an Airline Schedule Database. Incorporated speech recognition, and expert systems (CLIPS).
 - Installation of Linux, Network Configuration, Configuring Users, and Configuration of X-Windows. Network programming using Sockets, and Remote Procedure Calls. Installation and Interfacing with Head Tracker.
- Computer Consultant** **Bishop's University, School of Computer Science**, Lennoxville, Quebec, Canada
- Jan. 90 - Apr. 92 - Supervised computing equipment, and assisted users with different programming languages, such as C, Pascal, etc.

REFERENCES Available upon Request.