Georgios Pyrounakis

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EDUCATION AND TRAINING

MSc in Advanced Information Systems

National and Kapodistrian University of Athens [05/2004]

City: Athens | **Country:** Greece | **Field(s) of study:** Information and Communication Technologies | **Thesis:** Designing a Digital Library for hosting the digital collections of the University of Athens

Information System Design, Software Services, Database Design

Bachelor in Informatics and Telecommunications

National and Kapodistrian University of Athens [06/1999]

City: Athens | **Country:** Greece | **Field(s) of study:** Information and Communication Technologies | **Thesis:** A Systematic Approach to Organizational Workflow Application Development

Computer Systems, Software Development, Databases, Networks

Cisco Certified Entry Networking Technician (CCENT)

Cisco [28/01/2019]

Country: Spain

Networking fundamentals, WAN technologies, basic security, routing and switching fundamentals

Microsoft Certified: Azure Data Fundamentals

Microsoft [08/03/2024]

Country: Greece

Fundamentals on relational data, non-relational data and analytics workload on Azure

Designing Microsoft Azure Infrastructure Solutions (AZ-305) Course

Microsoft [01/04/2024 – 04/04/2024]

Country: Greece

Microsoft Azure Administrator (AZ-104) Course

National Center of Public Administration and Local Government [11/04/2022 – 14/04/2022]

Country: Greece

Microsoft Azure Fundamentals (AZ-900) Course

National Center of Public Administration and Local Government [19/01/2022 – 20/01/2022]

Country: Greece

Python Programming Language Course
National Center of Public Administration and Local Government [06/10/2014 – 07/11/2014]

Country: Greece

WORK EXPERIENCE

ICT system administrator
University of the Aegean [05/06/2008 – Current]

Website: www.aegean.gr | **Name of unit or department:** ICT Department - **Business or sector:** Education

- Management and maintenance of IT infrastructures.
- Deployment and maintenance of IT services for academics, students and administrative staff.
- Composition of specifications and lists of prerequisites for the procurement of IT infrastructures.
- Drafting technical reports, project deliverables and user guides.
- Administration of the University data center located in Syros island.
- Configuration and maintenance of virtual machines, as well as support of their users (professors, researchers and IT personnel) using VMware vSphere.
- Administration of HPE Nimble SAN storage, Qumulo NAS file server and Netbackup Flex Appliance infrastructure.
- Installation and maintenance of servers using operating systems like CentOS or Ubuntu Linux and Windows Server.
- Design, development and maintenance of the main website of the University using Drupal CMS.
- Configuration and maintenance of MySQL, MariaDB, PostgreSQL databases.
- Configuration and maintenance of network devices and wireless access points using Cisco IOS.
- Configuration and maintenance of communication services using Cisco Unified Communications Manager.
- Management of video conference and audio visual IT solutions for classrooms and team collaboration.
- Administration of user accounts and computers using Active Directory, Windows Group Policy and Exchange Admin Center.

ICT system administrator
National and Kapodistrian University of Athens [15/07/1999 – 04/06/2008]

City: Athens | **Country:** Greece | **Website:** www.uoa.gr | **Name of unit or department:** Libraries Computer Center - **Business or sector:** Education

- Design, implementation and maintenance of IT infrastructures of the Libraries Computer Center.
- Administration of servers using operating systems like AIX Unix, Red Hat Linux and Windows NT.
- Configuration and maintenance of Sybase and MySQL databases.
- Maintenance and configuration of the library software.
- Design and implementation of library IT services and workflows using Lotus Notes.
- Installation and maintenance of DSpace and Fedora open source institutional repositories.
- Migration of data from previous Library management system software using SQL and import utilities of Sybase.
- Specification analysis, design and implementation of Pergamos digital library system, used until today as the institutional repository of the University of Athens.

PROJECTS

[10/2017 – 12/2017]
Design and implementation of the website of the Observatory of the refugee and migration crisis In the Aegean Collecting user requirements, designing database, implementing the website https://refugeeobservatory.aegean.gr/ using Drupal Content Management System.

[08/2016 – 10/2017]

Design and implementation of the new website of the University of the Aegean Collecting user requirements, designing database, implementing the website https://www.aegean.gr/ using Drupal Content Management System.

[02/2013 – 09/2015]

Open academic courses of the University of the Aegean Administering the digital platform that hosted the open academic courses.

[02/2012 – 06/2015]

Technological support of schools, teachers and students through the Digital School Training IT teachers on the new digital services of the Greek School Network.

[03/2012 – 05/2013]

University of the Aegean, the prominent and driving factor for the economic and social growth of the wide Aegean area Design and development of web sites, implementation of workflows for the submission and electronic payment of participants in Summer Schools and Life Long Learning Programs.

[12/2010 – 11/2011]

SMILIES: Small Mediterranean Insular Light Industries Enhancement and Support IT consulting, design and development of e-shops for small companies in Syros Island.

[06/2008 – 11/2008]

Digital Repositories in a Distributed Environment Authorship of two research studies titled "Technical issues for the operation of distributed repositories and implementation challenges" and "Requirements for the operation of distributed repositories in Greece" for the National Documentation Center.

[02/2005 – 09/2006]

Digital Collection of the Historical Archive of the University of Athens Parameterisation and extension development of Pergamos Digital Library System, implemented using Java language.

DIGITAL SKILLS

Programming Languages: Python, PHP, Java, C, SQL / Scripting Languages: PowerShell, Bash shell, Perl / Databases: MySQL, MariaDB, PostgreSQL, Sybase / OS: Windows (Server 2012/2016, 10, 11), Linux (CentOS, Ubuntu), Unix (AIX, Solaris), MacOS / Virtualization: VMware vSphere, vCenter, ESXi, Workstation / Cloud Platforms: Microsoft Azure / Content Management Systems: Drupal, Joomla / Networking: Cisco IOS / Office Suites: OpenOffice, Microsoft Office, Microsoft 365, Google Docs / Security: Windows Defender Firewall, Kaspersky Security Center, ConfigServer Security and Firewall / Monitoring: Nagios, SNMP / Windows Administration : Active Directory, Group Policy, VPN, DNS, DHCP / Web Hosting: WebHost Manager (WHM), cPanel, IIS, Apache / Video Conference Tools: Zoom, Webex, BigBlueButton

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English	**French**
LISTENING C1 **READING** C2 **WRITING** C2	**LISTENING** A2 **READING** A2 **WRITING** A1
SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1	**SPOKEN PRODUCTION** A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Building Digital Collections Using Open Source Digital Repository Software: A Comparative Study International Journal of Digital Library Systems(IJDLS), IGI Global, January 2014

Digital Object Abstraction Layer: A Middleware for Building Federated Digital Libraries *22nd International Conference on Parallel and Distributed Computing and Communication Systems*, Louisville, Kentucky USA, September 2009

Comparing Open Source Digital Library Software Book chapter in *Handbook of Research on Digital Libraries: Design, Development and Impact*, IGI Global, February 2009

Introducing Pergamos: A Fedora-based DL System Utilizing Digital Object Prototypes *Proc. 10th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2006)*, Alicante, Spain, September 2006

Digital Object Prototypes: An Effective Realization of Digital Object Types *Proc. 10th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2006)*, Alicante, Spain, September 2006

On the Effective Manipulation of Digital Objects: A Prototype-based Instantiation Approach *Proc. 9th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2005)*, Vienna, Austria, September 2005

Designing an Integrated Digital Library Framework to support Multiple Heterogeneous Collections *Proc. 8th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2004)*, Bath, England, September 2004

A Systematic Approach to Organizational Workflow Application Development *Proc. 6th European Concurrent Engineering Conference (ECEC '99)*, Germany, 1999

VOLUNTEERING

[1994 – Current] Greece, Attica
Happy Children - Happy Youth NGO Every summer I work as a volunteer in a camp for underprivileged children (families with low income or minority groups). My part in this organisation involves the motivation and management of volunteers from different countries that work together for a good purpose, as well as the organisation of children activities.

HOBBIES AND INTERESTS

Organic agriculture Growing vegetables and herbs using organic farming practices

Beekeeping Maintenance of my own beehives in Syros island, in order to produce honey for my family

Theatre Actor in amateur theatre groups in Syros and Athens

Photography Artistic photography, color or black & white film, print in darkroom