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Panagiotis Kenterlis

Date of Birth: 17/11/1979

Place of Birth: Athens, Greece

Country of Origin: Greece (EU citizen)

Military Services: Completed

Marital Status: Single

Education

- 1995-1996 Second Year at Technical Lyceum (Vocational High School) of Drapetsona (Athens, Greece). Studies on Basic Electronics.
- 1996-1997 Third Year at Technical Lyceum of Nea Smirni (Athens, Greece). Awarded a degree of Computer and Network Technician. Grade 19^{1/13} (max 20).
- 1997-2001 Undergraduate Studies at the Technological Education Institute of Piraeus (Athens, Greece) in the field of Electronic Computer Systems Engineering. Awarded 7.56/10. Degree project on microcontroller applications in the field of secure workplace access, titled "[Access Control and Message Display Terminal \(in Greek\)](#)".
- 2001-2002 MSc in Digital Electronics (Universities of Brighton and Sussex). Post graduate dissertation on microcontroller application in the field of long-haul commercial transportations, titled "[Digital Trip Computer and Recorder for Long-Haul Vehicles](#)".
- 2003-2004 MSc in Data Communications Systems (University of Brunel and T.E.I. of Athens). Postgraduate dissertation on microcontroller applications in the field of data communications networks, titled "[Development of a TCP/IP-to-Serial Protocol Converter](#)".

Knowledge of Foreign Languages

- English
 - Cambridge First Certificate in English (FCE) – Grade A – Year 1994
 - Cambridge Certificate of Proficiency in English (CPE) – Grade C – Year 1996
 - TOEFL – Computerized Test – Grade 287 – Essay 6 – Year 2001
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Other Degrees
and
Certifications

- CCNA - Cisco Certified Network Associate
CISCO, License 414505720315GOXI
June 2013 – June 2016
 - M102: MongoDB for DBAs
MongoDB University
January 2014 – Present
 - M101JS: MongoDB for Node.js Developers
MongoDB University
March 2014
 - M101P: MongoDB for Developers
MongoDB University
January 2014
 - Internet History, Technology, and Security
Coursera
October 2012
 - Learn to Program: The Fundamentals
Coursera
November 2012
 - Programming Mobile Applications for Android Handheld Systems
Coursera Verified Certificates, License S5UBCMRMR6
March 2014
 - M101J: MongoDB for Java Developers
MongoDB University
May 2014
 - Web Application Architectures
Coursera
May 2014
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Work
experience

- 2000-2001: 6 months of development of undergraduate degree project. Project involved the use of a microcontroller based terminal system with a graphical LCD panel, i-buttons and serial connection to a server PC to implement a secure access terminal with the ability to display announcements and student grades. Used by the Microprocessors Laboratory at the Technological Education Institute of Piraeus (Athens, Greece). Academic Supervisor: [Dr. John Ellinas](#)
 - 2000-2001: 6 months Internship + 6 months of employment at the Microprocessors Laboratory, Technological Education Institute of Piraeus (Athens, Greece). Academic Supervisors: [Dr. John Ellinas](#), [Mr. Panagiotis Drosinopoulos](#). Work involved network setup and administration, web site authoring (<http://mprolab.teipir.gr>), organization of laboratory facilities and automation of administrative procedures.
 - 2002-(present): Adjunct Applications Associate at TEI of Piraeus, Department of Electronic Computer Systems. Taught courses on Microprocessor Systems Design (laboratory), Web Application Design and Programming (laboratory & theory), Network Administration and Security (laboratory).
 - 2005-(now): Freelance computer systems and network engineer. Freelance web developer. Participated in several projects managed by TEI of Piraeus and the private sector.
 - 1/2011-(present): Senior web developer at COMMA ABC (<http://www.comma-abc.com>). Lead developer in the design and development of several corporate web sites, weblogs (blogs) and electronic commerce solutions. At the same period, time was assigned in developing a proprietary Content Management System based on the CodeIgniter PHP framework, on which most of the company's clients' web sites were based.
 - 6/2011-(present): Chief Technology Officer at Sendeasy.gr (<http://www.sendeasy.gr>). Sendeasy is a reverse auction web application for goods transport and household/business moving projects. Responsible for research, development, front-end/back-end feature enhancements and administration.
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Work Projects

- April 2014 to present: Pret-a-beaute Online Store (based on Magento), <http://www.pret-a-beaute.com>
 - May 2014 to present: XLCloset New Online Store (based on Magento), not yet published.
 - March 2014: Doukas SA Corporate Website (not yet published, expecting client material)
 - February 2014: Kosmokent Online Store (based on Magento), <http://www.kosmokent.gr>
 - September 2013 to October 2013: Vertice Fashion Corporate Website, <http://www.vertice.gr>
 - June 2013 to July 2013: OPUS Consulting Corporate Website, <http://www.opus.gr>
 - May 2013 to July 2013: Vita Construction Corporate Website, <http://www.vita-construction.com>
 - May 2013 to June 2013: Amarisso New York Online Store (based on Magento), <http://www.amarisso.gr>
 - April 2013 to present: Tsakiris Mallas Online Store (based on Entersoft E-Commerce), <http://eshop.tsakirismallas.gr>
 - February 2013 to present: Tsakiris Mallas Corporate Website, <http://www.tsakirismallas.gr>
 - January 2013: Eleven11 Corporate Website, <http://www.eleven11.gr>
 - January 2013: New Comma Corporate Website, <http://www.comma-abc.com>
 - November 2012: New Vertice Stores Website, <http://www.verticestores.gr>
 - September 2012 to October 2012: Institute of Social Movements and Tobacco History Website, <http://www.ikkik.gr>
 - September 2012: Vertice Bonus Card Microsite, <http://www.verticebonuscard.gr> (discontinued on July 2014)
 - August 2012: Georgios Papadopoulos – Electrical Installations Corporate Website, <http://www.papadopoulosg.gr>
 - July 2012 to December 2012: Apotiposis StreetView GIS (C# Geographical Information Processing Application)
 - June 2012 to July 2012: HellasVita Constructions Corporate Website, <http://www.elvita.com.gr>
 - May 2012 to June 2012: Arion Hotel in Syros Website,
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<http://www.arionsyros.com>

- December 2011: Comma Construction Corporate Website, <http://www.comma-construction.com>
 - October 2011 to November 2011: Apotiposis Corporate Website, <http://www.apotiposis.com>
 - July 2011 to October 2011: Greek Animal Welfare Company, <http://www.filozoiki.gr>
 - September 2011: Alfa-Lamda Business-to-Business Online Store (based on Entersoft E-Commerce), <http://www.alfalamda.gr>
 - May 2011 to present: XLCloset Online Store (based on Entersoft E-Commerce), <http://www.xlcloset.com>
 - April 2011 to May 2011: XLCloset Web Blog, <http://www.xlcloset.com/blog>
 - April 2011 to present: Sendeasy Web Blog, <http://www.sendeasy.gr/blog>
 - January 2011 to present: Dina XL Fashion Corporate Website, <http://www.dina.gr>
 - January 2011 to present: Sendeasy Online Reverse Auction Platform, <http://www.sendesy.gr>
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Acquired Skills

- Web Application Development using the PHP scripting language.
 - Entersoft E-Commerce Platform Front-End customizations
 - Magento CE Front-End and Back-End customizations and programming
 - Client-Side Web Programming using JavaScript, jQuery and Angular.js.
 - XHTML/XML/CSS2.1/CSS3/Ajax Web 2.0 Technologies
 - MySQL Database Administration
 - MongoDB NoSQL Database Administration
 - Content Management Systems: Joomla, Wordpress
 - CentOS Linux Server Administration
 - Administration of Web/Mail/LDAP/Samba/Active Directory Servers
 - Microsoft Windows 95/98/Me/NT/2000/XP/Vista/7
 - Microsoft Windows 2000/2003/2008 Server
 - Microcontroller-Based Applications
 - Assembly for the following microprocessors/microcontrollers: Z80, 8085, 6502, 80x86, 680x0, 8051, AVR, PowerPC 555, MIPS R2000
 - C for 8bit 8051 (SDCC - Small Device C Compiler) and 8bit AVR (AVR-GCC) microcontrollers
 - Hardware design languages VHDL and Verilog
 - C/C++/C#
 - Microsoft Visual Basic .NET
 - Java using Borland JBuilder
 - Microsoft Office (Word, Excel, PowerPoint, Access)
 - Microsoft Visio
 - Adobe Photoshop
 - Adobe Dreamweaver
 - Adobe Illustrator
 - NetBeans
 - OrCAD
 - Xilinx ISE
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Interests

- Applying New and Established Technologies
 - Web Application Development
 - Relational and Non-Relational Databases (NoSQL)
 - High performance – highly scalable web applications
 - Cloud based web applications (through Amazon Web Services)
 - Wired/Wireless Networking Solutions
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Published
Books

- [“DEVELOPING WEB APPLICATIONS - Theory and Practice”](#), P. D. Kenterlis, ISBN: 978-960-931421-3, Publisher: P. D. Kenterlis (Athens), Year of Publication: 2009.

Distributed and used as taught course material for:

- Technological Education Institute of Piraeus, Greece
- University of West Macedonia, Greece
- University of the Peloponnese, Greece
- University of the Aegean, Greece
- Technological Education Institute of Patras, Greece

- Technological Education Institute of Thessaloniki, Greece [“COMPUTER ARCHITECTURE - The Intel 8086 Processor - From Theory to Practice”](#), J. N. Ellinas - P. D. Kenterlis, ISBN: 978-960-930663-8, Publishers: J. N. Ellinas - P. D. Kenterlis (Athens), Year of Publication: 2008

Distributed and used as taught course material for:

- Technological Education Institute of Piraeus, Greece
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Selected Conferences and Journals

1. P. Kenterlis, N. Kranitis, A. Paschalis, D. Gizopoulos, M. Psarakis, "[A Low-Cost SEU Fault Emulation Platform for SRAM-Based FPGAs](#)", IEEE IOLTS '06 (International On-Line Test Symposium), 10-12 July 2006, Como Italy. [1 citation]
2. J. N. Ellinas, P. Kenterlis, "[A Wavelet-Based Watermarking Method Exploiting the Contrast Sensitivity Function](#)", International Journal of Signal Processing, Volume 3, Number 4, 2006. [1 citation]
3. D. Mandalidis, P. Kenterlis, J. N. Ellinas, "A Computer Architecture Educational System based on a 32-bit RISC Processor", International Review on Computers and Software, Praise Worthy Prize S.r.l., January 2008.

Other Papers

1. P. Kenterlis, "[Electra, a MultiFunctional Education Web Portal for Technological Education Institute Departments](#)", 1st International Scientific Conference eRA, Supported by T.E.I. of Piraeus (GR) & University of Paisley (UK), Tripolis 16-17 September 2006.
 2. P. Kenterlis, D. Salonikidis, "[Evaluation of wavelet domain methods for image denoising](#)", 1st International Scientific Conference eRA, Supported by T.E.I. of Piraeus (GR) & University of Paisley (UK), Tripolis 16-17 September 2006.
 3. D. Mandalidis, P. Kenterlis, P. Drosinopoulos, "[A Computer Architecture Educational System based on a 32-bit RISC Processor](#)", 1st International Scientific Conference eRA, Supported by T.E.I. of Piraeus (GR) & University of Paisley (UK), Tripolis 16-17 September 2006.
 4. J. Vlachoyiannis, P. Kenterlis, J. N. Ellinas, "[A generic purpose, cross-platform, highly extensible virtual machine](#)", 1st International Scientific Conference eRA, Supported by T.E.I. of Piraeus (GR) & University of Paisley (UK), Tripolis 16-17 September 2006.
 5. K. Kalotychos, C. Gkikas, P. Kenterlis, J. Ellinas, "[Autonomous mobile application enabling direct briefing via RSS by networks of mobile telecommunications \(GPRS, 3G\)](#)", 1st International Scientific Conference eRA, Supported by T.E.I. of Piraeus (GR) & University of Paisley (UK), Tripolis 16-17 September 2006.
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Reinforcement of Informatics Courses

Participation in this program of Ministry of Education from March 2003 to December 2005, for the development of the “Digital Image Processing” course. The output of this program was the creation of the theoretical and laboratory parts of the course, the development of the course’s web-site as well as some small projects for the presentation of specific topics. Also participated in the production of teaching material for the module of Circuit Theory, covering the topics of operational amplifiers and circuit simulation.

Research Program Archimedes-II

Participation in the research program “Archimedes-II” of Ministry of Education for the reinforcement of research groups among T.E.I. Research objective: “Digital image processing methods for application to stereoscopic vision and surveillance systems”. The coordinator of this project is the Department of Automation, T.E.I. of Thessaloniki. Its duration is January 2005 to December 2006 with a budget of 50000 Euros. The T.E.I. of Piraeus participated as coordinators of the work package “Stereoscopic image and video” and in the work packages “Image enhancement” and “3D position estimation”. There are five publications in journals and international conferences as an outcome.

Research Program ODICIS

Participation in FP7 European Project ODICIS (“One Display for a Cockpit Interactive Solution”) as senior web developer for the secure web application found at <https://www.odicis.org> that allows its users to publish project information as well as manage document sharing and reviewing. The project lasts from 1 April 2009 to 1 October 2011 (FP7-AAT-2008-RTD-1 European Framework Program) and concerns the development of a unique touch screen cockpit display.

Research Program Adapt2Change

Adapt2Change is a LIFE+ project (LIFE09 ENV/GR/000296) aimed at demonstrating adaptation of agricultural production to climate change and limited water supply. The Adapt2Change project has officially started on the 1st of September 2010 and is planned to last 48 months. Participation as senior web developer for the secure web application found at <http://www.adapt2change.eu> which allows its users to publish project information as well as manage document sharing and reviewing among project partners.
