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Dimitrios Giakoumis

(Δημήτριος Γιακουμής)

Εκπαίδευση 1995-2005 Technical University of Crete Hania, Crete
Electronics and Computer Engineering

Programming Knowledge

Programming languages : GW basic, Pascal, C, C++, Assembly (AVR Microcontroller and MIPS RISC architecture), Fortran, Perl , Visual Basic, MATLAB, SQL (Microsoft SQL Server and MySQL some Oracle experience), HTML, Web scripting (ASP in VBscript, php), Verilog and VHDL both in FPGA and ASIC synthesis (Synopsis).

Operating systems : Unix (Linux) MS-DOS, Windows 3.1, 98, 2000 και XP and some NT.

Networking knowledge both in standard ethernet over TCP/IP networks (routing configuration, wireless networks, VLANs) and in specialized propriety industrial network protocols (LON, profibus DP, modbus, IEC 60870-101/103, IEC 61850)

Administration experience : Windows 2000 / 2003 / XP, IIS in windows 2000 / 2003, apache in windows windows.

Applications : Microsoft office applications (Word, Excel, PowerPoint, Access) and OpenOffice, MATLAB. Some Mathematica, Synopsys

Languages

English (Cambridge University's Certificate of Proficiency in English)

Study and Work Experience

- 2012-Today Working in backend development of e-shop applications (magento)
- 2008-2011 over 3 years (34 month) of work in the Distribution Department of PPC (ΔΕΗ) on Digital control systems. Work in commissioning and maintaining of Siemes (Simatic Step7), ABB (Microscada) and Sprecher automation systems along with their corresponding IDEs and protection relays. (Siprotec, ABB REF, areva)
- 2007-2008 Military service in the Hellenic Navy
- September 2002-2006 : Part of the University's Microprocessor and hardware lab. Research on Asynchronous SoC interconnects. Implementation of a fully asynchronous omega network as part of postgraduate studies. Professor's assistant for 3 6 month terms (2003-2004) in logic design and computer architecture lessons.

1999-2002 : Part of the University's Microprocessor and hardware lab working on diploma thesis: "Embedded data logging, transmission via mobile phone and presentation in the web".

Summer 1998 : Internship in the statistics department of PPC, managing employee databases.

- 1997-1998 Work on the Multimedia department of the Distributed Systems Lab in the Technical University of Crete. Participation in the Communication layer development of a Streaming Video Server.

1996-1997 Administration work in the technical University of Crete

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