Christos-Lysias Pierris

39 Rowan House, Woodhead Drive, Cambridge, CB4 1FY
E-mail: lysias.pierris@gmail.com
Tel: ++44 (0)7591 040 718

Personal Statement

I am an ambitious and self-motivated young professional with my main goal being the provision of high quality implementations of assigned tasks mainly in the fields of Networking, System and Network Administration and Information Security. I strive to maintain up-to-date with bleeding edge technologies and the according industry best practices.

At my current position in Spiral Software as part of the Internal IT team I am constantly engaged in a variety of highly technical tasks. I was able to self-manage for an extended period of 5 months and maintain a high level of service during that period of time. I am looking for a position in a team or otherwise that would allow me to further progress both technically as well as professionally.

Skills

- Certificates: ECDL, 2003

- Programming: C socket Programming, Java & RMI, Bash, Powershell, MIPS Assembly, PHP, HTML, CSS, XML/XSLT.
- Network Protocols: TCP, UDP, ICMP, ARP, DHCP, IP/ IPv4 / IPv6, ATM, MPLS, OSI Model, SSL, SSH, IPSec.
- Server Configuration: TMG2010, Apache, IIS, Exchange, Windows AD Services, MySQL, MSSQL, SNORT, Suricatta.
- Operating Systems: Windows XP up to 10 (including servers editions 2003 up to 2012 R2), Linux various distributions (mainly CentOS/RHEL, Debian, Ubuntu), FreeBSD & openBSD, ESXi Hypervisor, Mac OS X.

Experience

- **Internal IT at Spiral Software,** Cambridge, UK**.** Being part of a small team supporting a complex infrastructure has provided me with valuable knowledge and hands-on experience at a wide range of technologies:
    - o Technical Lead for TFS 2010 to TFS 2013 Migration.
    - o Self-managed for a period of 5 months, maintaining a high level of service.
    - o Managing Hyper-V hosts (2008 & 2012).
    - o Maintenance/troubleshooting & customization of Data Protection Manager 2007& 2010.
    - o Image customization and install automation through Sysprep and scripting for deployment through Windows Deployment Services.
    - o Advanced Active Directory components troubleshooting and maintenance, including DNS, DHCP, Certificate Authorities, Domain Controllers.
    - o Part of interview process for new members of management & staff.

- I have led the monthly maintenance procedure of patching (patch approval according to internal specification).
- Firewall & reverse proxy configuration on Microsoft's Threat Management Gateway 2010.
- OSI Level1-3 Networking configuration and security tightening on HP ProCurve Switches.
- Designed, tested and implemented an open-source SIEM deployed as an NIDS on the perimeter of client facing network (utilizing suricata).
- Migrated internal mediawiki from IIS / MySQL to Apache / MySQL
- SUM2013 conference IT infrastructure by creating an entirely new domain.

September 2012-Current

- **Final year project.** I chose the development of a game network protocol which included a basic proof-of-concept game with emphasis on the network code. Java RMI and Sockets were utilised for network communication using a client/server model supporting encryption techniques for secure data transaction. This was achieved through the use of the AES encryption algorithm in CBC cipher mode. Part of the final report was documenting research that had been conducted on the performance and security of various available cryptographic algorithms as well as research on network latency management and mitigation techniques.

- **IT intern at ATS Training**, Surrey, UK as a Jr. Systems/Network Administrator providing support in configuration/implementation of high-availability server systems mainly on Linux and Windows OSs along with custom applications. Assistance on organizing educational material. September 2007 – August 2008.

- Setting up SuSE Linux 8.0 in Computer Analysis (a Greek computer learning centre) in which students took the according ECDL examinations. 2003.

Education

- **BSc(Hons 1st *Class*) Computer Science (Networks)**, University of Hertfordshire, *2008-2012*

(Selected courses: Networks, System Programming, Object Oriented Programming, Web-Services & Development, Systems Design & Analysis.)

- **Greek Apolyterion**: Lykeion Alkinoos, Corfu, Greece, *2003-2006*

(Subjects taken: Mathematics, Physics, Programming, Business Management.)

Other Interests & Social Activities

During the winter and spring of 2010 I was part of a small team as the director of photography for a short-film, under the title "World Ends".

Philosophy of Science. Photography & rock climbing are some of the things that help me get out in the open.

References

Available upon request