

CURRICULUM VITAE

Name Jorge Schrauwen

Education **Applied Computer Science** (Bachelor – University College KHK Gheel) graduated *magna cum laude* in June 2010
Office and data management (school community Moretus in Ekeren - graduated in June 2007)

Experience **April 2015 – Present:** Axxes, Antwerp
System Engineer
January 2013 – April 2015: Google, Belgium
Operations Engineer
September 2010 – December 2012: RealDolmen, Huizingen
System Engineer
July 2007 – June 2010: Gloriant Retail, Berchem (Antwerp)
7 July - 6 August 2007 – summer job: developing “www.methodschool” - a site for registering for training sessions, built in PHP with MySQL.
28 July - 26 August 2008 – summer job: developing an internal website to manage holidays and vacation requests for the company (using PHP and Prado)
August 2009 – *summer job:* enhancements for several PHP-projects, database-programming in C#, designing newsletters and banners
March 2010 - June 2010 – internship: open standard monitoring system
September 2009 – June 2010: Student Information Network
President: running the student governed IT service on campus
1 July – 31 July 2006: Internet Architects bvba, Antwerp
Vacation job: research and development, particularly AJAX.

Languages Dutch (native), English (fluent)

Additional Personal Details

Location North Antwerp, Belgium
Mobile +32 (0) 474 401 261
Driving license B
E-mail jorge@blackdot.be
Blog <https://blackdot.be>
LinkedIn profile <http://www.linkedin.com/in/schrauwenj>

Award **Oracle Apex Challenge:** 2nd on KHK Oracle Apex Challenge (February 2010)
Hobbies Digital photography, Travelling, Tinkering with Illumos and OpenBSD, Testing open source software, ...

Open Source **2013 – Present:** Active in Illumos community, booth at FOSDEM, lx branded zone testing on SmartOS.
2007 – 2010: Active in #httpd and #apache-helpdesk channels on FreeNode

CURRICULUM VITAE

Skills

Troubleshooting and debugging
General knowledge of TCP networks
Quick learner (IT related subjects – mostly by doing / trial and error)
Experience with large scale networks and server fleets
Troubleshooting HTTP reverse proxy/SSL issues
Scripting in python/shell with the goal of automating tasks and workflow

Knowledge

Expert

Apache HTTPD Server

Advanced

Linux (RHEL/CentOS/Fedora/Debian/Ubuntu)
Solaris (Illumos based: SmartOS and OmniOS)
TCP/IP networks (IPv4 and IPv6)

Intermediate

OpenBSD 5.4+
Mac OS 10.6-10.10
ISC Bind, ISC NSD, dnsmasq, MySQL, Nagios, OpenSSHd, OpenVPN, ZFS
Postfix, Dovecot, ClamAV
Programming in Python, and Shell (ZSH/Bash)
PF (OpenBSD Firewall)
HTTP Protocol

Basic

SSL Certificates and communication
SMTP Protocol
DNS Protocol
VMWare vSphere v4 – v5
Windows Server 2003-2008 R2
Astaro Gateway v8 (also Sophos UTM 9)
PostgreSQL, SQLite, Samba, Solaris Zones, ssh, qemu-kvm
Zimbra Open Source Edition (8.0.x)
Programming in Perl, PHP, Java, and C#

Certificates

LPIC-1 Certification, **Expired 10/04/2017** (LPI000252442)
Cisco CCNA, **Expired 12/2013** (CSCO11860995)
70-647: Windows Server 2008, Enterprise Administrator
70-646: Windows Server 2008 Server Administrator
70-642: Windows Server 2008 Network Infrastructure, Configuring
70-640: Windows Server 2008 Active Directory
70-643: Windows Server 2008 Applications Infrastructure, Configuring
70-680: Windows 7, Configuring

CURRICULUM VITAE

Projects / Experience

Date 2015 – Present
Organization Axxes
Position System Engineer
Description Detached at UGent's Systems unit where I am part of a team that keeps all *NIX systems running, primarily focusing on:
File shares using Samba 4 to provide shares with ACLs/AD Integrated and DFS.
RADIUS deployment with Microsoft NPS for eduroam and VPN.
Distributed file sync build using bash, rsync, and a shared FS for communication.
Ransomware detector using Python to detect and cleanup infections.

Date 2013 – 2015
Organization Google
Position Operations Engineer
Description **CCNR Lead**, as the lead engineer assigned to maintaining our networking rooms I manage ongoing projects, educating colleagues on the work methods and security. Most other things involving our networking rooms are also my responsibility.
Network deployment, helping out the long haul deployment team with physical work of building and upgrading equipment and running fibers.
Hardware repair, diagnose and fix broken servers and switches. Ranging from replacing failing and faulty hardware components to diagnosing complex problems with the operating system's interaction with the hardware.

Date 2010 – 2012
Organization RealDolmen
Position System Engineer (2nd and 3rd line support)
Description **Linux, unix and networking**, solving anything that came my way.
Scripting and automation, scripting and automating reoccurring tasks.
Nagios, maintenance and writing checks for the monitoring system.
ZoomIT, "the go to man" for troubleshooting issues with the HTTP, reverse proxies, SSL.
Mobistar E-Shop, maintaining and troubleshooting entire stack excluding web application.
FedICT, troubleshooting, redesigning and implementing the reverse proxy/SSL termination layer in front of a pool of IBM WebSphere servers.

Date 2004 – 2011
Organization Blackdot.be
Position Founder / System Administrator / Network Administrator
Description **Web and e-mail hosting**, provided basic web and e-mail hosting for customers whose websites I designed and maintained.
Web design, designed web sites and web applications.
Apache Hosting Package, my own set packages that evolved from Apache 1.3 to HTTPd 2.4 getting more features over the years. Including things like mod_macro and mod_perl for dynamic configurations, advance security setups including 2-factor authentication using SSL Client certificates and PAM.

Date March 2010 – June 2010, Summer 2009, 2008, 2007 and 2006
Organization Gloriant / KHK Geel
Position Internship / Summer Job
Description **Thesis**: Design and development of a monitoring system for Gloriant (implementation with C#, PHP and Microsoft SQL Server)
Summer jobs: During my summer job at Gloriant I did various tasks ranging from web design and (web) application development to creating newsletter templates.