

Alexis Lowe

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Objective

I am a final year student in the University of Birmingham who will graduate in July 2017. As computer science had been a long standing interest and hobby of mine I chose to study it, accompanied with a year in industry. My internship was in the cyber-security sector which I am passionate about. I am now looking for work related with cyber-security within the right organisation. Hoping to use and further the skills acquired through work, studies and my hobby for the benefit of that organisation, with a view to developing a long term career.

Work Experience

Sep 2015 - Sep 2016 Cyber Defence Analyst at Computacenter

Within the framework of a year's industrial placement from the University of Birmingham worked in the Group Information Assurance division of Computacenter:

- Worked with the governance team ensuring compliance to ISO27001 performing risk assessment and preparation for external auditing.
- Part of the team advising Computacenter's clients, including FTSE100 insurance business and leading media organisation, on security incident resolution and avoidance.
- Performed vulnerability assessment of Computacenter's internal infrastructure using my technical skills and provided a report with recommendations which were presented to risk owners and management.
- Designed and performed analysis of insider threat at Computacenter, conducted penetration tests of Active Directory and delivered outcomes reports.
- Contributed in the creation of Computacenter's Cyber Defence Centre, a Security Operations Centre, monitoring threats and advising internal and external clients on security solutions.
- Contributed in the creation of a Vulnerability management process and assessed new vulnerabilities and drafted vulnerability notifications where relevant.

Jul-Aug 2012 and 2013 Delivery and Stock Control at Computacenter Belgium

Received a two-week training with the stock manager and then was entrusted with stock management responsibilities. Acquired time management and organisation skills during this period.

Education

2013 - 2017 BSc in Computer Science with Business Management (expecting first),

University of Birmingham

Computer Science

Introduction to Cyber Security

Networks and Network Security (C99, IPsec and iptables)

Operating Systems (C99/ANSI, Linux Kernel)

Software Programming (Java and PostgreSQL)

Team Project (Made a Multiplayer Java Game)

Information and the Web (XML, JavaScript and HTML)

Computer Systems and Architecture (X86 & MIPS Assembly)

Foundation of Computer Science (Ocaml)

Professional Computing

Language and Logic

Software Engineering

Human Resource Management

Financial Decision Making

Business Management

Strategic Management

Global Marketing

Introduction to Marketing

Supply Chain Management

Financial Analysis

International Economics

Introduction to Economics

Business Organisation and Management

2010 - 2013 Collège Dame De Marie, Belgium

Certificat d'enseignement secondaire supérieur (16/20 equivalent to 320 UCAS Tariff Points)

2007 - 2010 Collège Don Bosco, Belgium

2000 - 2007 La Fermette, Belgium

Languages - Trilingual

English: Native

French: Fluent

Spanish: Fluent

Flemish: Basic Knowledge

Technical Skills

Acquired In University and at Work

Programming:

Java and C99/ANSI (Advanced)

Ocaml

PostgreSQL

X86 and MIPS Assembly

Networking:

SSH, FTP, iptables, IPsec, OpenVPN, SCP,

SMTP, TCP/IP, DNS, DHCP, UDP, NTP,

Wireshark.

Website design:

CSS, JavaScript, JQuery, AJAX, HTML.

Security:

Vulnerability Scanning and Management

(Nessus, RandomStorm, Skybox)

SIEM Solutions (Symantec MSS and QRadar)

Windows Administration (SCCM, AD) (Also

performed Pentest on Windows Domains)

Cloud:

AWS, Azure, Digital Ocean, Linode, Vultr

Acquired During Free Time

Programming:

Python, Ruby, Bash, Powershell, Latex, ASM,

Node.js, C#, Rust, Go and C++ (Basic)

Version Control (GitHub, GitLab and SVN)

Administration:

Database Management (PostgreSQL)

Linux Administration and Server Management

(Centos, Fedora, Debian, Arch Linux, Alpine

Linux, FreeBSD, OpenBSD, Linux, Docker,

Containers)

File Storage management (ZFS, BTRFS,

LVM)

Website Hosting (Apache, Nginx, Own built

and coded web-servers)

Virtualisation (Vmware, VirtualBox, KVM,

Proxmox, QubesOS, Xen)

Security:

Penetration testing and forensics (Metasploit,

nmap, ncat, ...)

Certifications

Skybox Advanced Certified Security Engineer

Interests and Activities

Technology, Open-Source, Programming, Ethical Hacking,

Amateur Photography, Cycling, Travelling

Other Details

British national

Lived in Belgium before studying in the UK