

JAMES HEMMINGS

Security Researcher

Greater Manchester

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Top Skills

System Administration



Experience with Windows (2008/2012) and Linux (Debian, CentOS) system administration.

Network Security



Experience with Fortigate Firewall IDS/IPS, iptables and logging, performing routine network hardening.

Penetration Testing



Experience with tools such as NMAP, Burp Suite, DirSearch, Metasploit, Hydra and SQL Map.

Professional Membership

CREST UK

Institute of Information Security Professionals (Member)

Bug Bounties

Redacted - Azure Root Keys Disclosure (Infrastructure Access).

US Dept of Defence - CSRF Vulnerability.

US Dept of Defence - Information Disclosure (NSA).

<https://app.cobalt.io/jamesit>

<https://hackerone.com/jamesit>

Awards

Outstanding Performance & Contributions (Old Lycoming Fire Company)

IBM Business Challenge (Semi-Finalist) - Team Leader

Ascent - Saltire 100 Hours Volunteer Award (British Red Cross)

Summary

Security Researcher with three years experience in the IT industry performing a variety of roles from MSP IT support, to server administration and security hardening/review in a multitude of environments. Undertake security research and bug bounty hunting in my spare time with Cobalt IO and Synack Red Team. Passionate and dedicated to the information security field with a drive to succeed. Very clear and intuitive mind with a practical approach to problem solving. Multi-cultural experience of studying abroad.

CTFs/Challenges: Cyber Security Challenge (2016), IBM University Business Challenge (2016) - Semi-Finalist, SIGINT CTF Edinburgh - 2nd Place (2017).

Conferences/Events: BSidesMCR (2014), SecuriTay IV - Helper (2015), Scottish Parliament - WiFi Pineapple Demonstration (2016), SecuriTay - Attendee (2017).

Certifications

Offensive Security Certified Professional (OSCP)

CREST - Certified Registered Penetration Tester (CRT)

eLearnSecurity Certified Professional Penetration Tester (eCPPT)

MCITP: Enterprise Desktop Support Technician

MCTS: Configuring Windows 7

CompTia A+

CompTia Network+

CompTia Security+

ECDL (Level 2)

City & Guilds Level 3 Certificate in ICT Systems & Principles

City & Guilds Level 3 Diploma in ICT Professional Competence

QA (QCF) Level 3 & 4 In First Response Emergency Care (FREC) (UK)

NREMT - Emergency Medical Technician (EMT-B) (USA)

NPQS/IFSAC Firefighter I (USA)

Experience

March 2017 - Core Security Researcher (Ad-hoc)

Present Cobalt IO

- Providing penetration testing services to various clients of Cobalt IO on an ad-hoc basis, either web or infrastructure in nature (Remotely).
- Invited to private Cobalt Core program by another Core Researcher (EX-CISO), due to skills/passion showed throughout OSCP.

Sept 2015 - Volunteer Firefighter/EMT-B

Sept 2016 Old Lycoming Fire Company (USA)

- Active member responding to 911 emergencies. Training and types of calls included EMS, Firefighting, Fire/Carbon Monoxide Alarms, Hazardous Materials, Water Rescue, Vehicle Extrication and Lift Assists.
- Attended drill nights, training's and meetings.
- Analysed and coped with a variety of stressful emergency situations calmly, and effectively, in order to protect life and property.

Sept 2015 - Emergency Medical Technician (EMT-B)

May 2016 Pennsylvania College of Technology (USA)

- Responded to emergency calls on campus on and off duty.
- Communicated with Lycoming County 911 dispatch & College Police.
- Monitored intoxicated students in Impaired Student Recovery Centre.

June 2015 - Contract - IT Field Engineer

July 2016 National Health Service (NHS)

- Worked on behalf of BDS Solutions, at the Central Manchester NHS trust.
- Rolled out new Windows 7 imaged PCs, to replace legacy hardware and

Courses

Usable Security & Hardware Security by University of Maryland, College Park on Coursera.

International Cyber Conflicts on Coursera

Mobile Application Security and Penetration Testing (MASPT v2) - In progress.

old operating systems/software.

- Provided post-install support and training to users.

June 2014 - August 2014 Contract - Customer & Technical Support Advisor
Brother UK

- Contract with Brother UK, worked on the 1st level support team, handling issues via email, live chat, and telephone.
- Provided technical and pre-sales support to customers for Brother UK's business products which include printers, multi function centres, fax machines and label printers.
- Supported Mac OSX/Windows & Linux OS printer issues.

April 2014 - May 2014 Contract - Desktop Installer
University of Manchester

- Worked on two month contract with the University's PSS IT Services, migrating machines to Windows 7.
- Utilised Windows imaging software to backup/migrate systems.
- Performed new machine deployments where required.
- Provided end-user support, post-upgrade to facilitate a smooth transition to the new environment.

Oct 2013 - March 2014 IT Technician
San IT Ltd

- Provided technical support via email & phone.
- Built and configured PCs and Super Micro servers.
- Repaired and diagnosed laptops, desktops and servers.
- Installed Windows and Linux servers.
- Installed and maintained Xen virtualisation using SolusVM.
- Server deployments, racking and configuring servers within data centres.
- Deployed Office 365 Email and migrated on-premise Exchange to cloud.
- Maintained Labtech Helpdesk System as the administrator.

Sept 2012 - Sept 2013 Apprentice IT Technician
San IT Ltd

- Worked as IT Apprentice while completing "Microsoft Advanced Level 3 Apprenticeship".
- Handled technical support via phone, email and worked on various projects.

Sept 2011 - Sept 2012 Business Owner
DataSphere Hosting Solutions

- Provided customer and technical support via phone, ticket for virtual servers and shared web hosting.
- Installation and management of software. (E.g Xen, PHP, MySQL, IIS, HyperV, SolusVM, cPanel, and WHMCS).
- Handled customer invoicing, billing and support.

Education

2014 - 2017 Bachelor of Science in Ethical Hacking (BSc), Merit 3.67 GPA
Abertay University

- Passed first year with distinction.
- Studied at the Pennsylvania College of Technology in the United States from 2015-2016.
- Member of Abertay Ethical Hacking Society. Volunteered as class representative for the course in first and third year.