

Ian Matthew Armour

Address:

PSC 46 Box 67
APO AE 09469

Phone: +1 760-621-3317

Webpage: www.ianmarmour.com

Email: ianmarmour@gmail.com

Education

Alconbury High School, RAF Alconbury, UK
GPA: 3.0/4.0

Expected Graduation: June 2012

- Relevant computer coursework to date: Cisco I/II, AP Computer Science AB, Java Programming

Special Training

- CEH Training – Certified Ethical Hacker Training

Employment

Freelance Graphic/Web Design

July 2011 – Present

- Designed and implemented graphics, animations, and web interface for Mobile Shine Auto Detailing business

Freelance Network and Systems Security Consulting

Intermittent

- Performed full backup of client systems
- Implemented new system-based security policies
- Carried out full re-imaging of the client systems
- Administered full data recovery of clients previous system

Computer Skills

- Advanced work with Windows, Mac OSX, Unix, and Linux systems and servers
- Work with: Java, Python, Jython, Cisco IOS, HTML, CSS, MySQL, SQL, Bash, BASIC, Batch, DOS, VB, VB.NET, AutoHotKey, AppleScript, rc, UNITY, Unix Shell
- Experience with Network Protocols including: ARP, Frame Relay, L2TP, LAPD, PPP, PPTP, STP, IPv4, AppleTalk DDP, EGP, EIGRP, IGRP, ICMP, IGMP, RIP, OSPF, BitTorrent, DNS, DICT, DHCP, FTP, Finger, HTTP, IMAP, IRC, LDAP, NetBIOS, POP3, RDP, SSH, SMTP, SMB
- Extensive experience building, maintaining, and repairing desktops and server systems.
- CEH(Certified Ethical Hacker) – Completed
- CPT(Certified Penetration Tester) – Currently working on practical
- 105 WPM average typing speed for transcription

Additional Computer-Related Experience in Reinforcing Network Security

- Detected Dual Packet Header Authentication flaw with M86 Web Filter run by Alconbury High School and assisted with patching the flaw
- Collaborated with IT Department at Alconbury High School to enhance Cryptographic Mutative Proxy Recognition in the M86 Web Filter
- Developed automated John the Ripper and Nmap based web crawling scripts that utilized basic password cracking algorithms

- Produced Bash script that allowed for non human-in-the-loop Wardriving
- Created a Python program that allowed for fully automated SSL stripping and MITM reconnaissance attacks that delivered the results to an off-site HTTP/FTP server allowing for remote monitoring
- Created test networks for monitoring and testing on a home server setup

Extra Curricular Activities

Varsity Football	Fall 2010, 2011
Track and Field (JV + Varsity)	Spring 2008, 2009, 2010
Student Council	2008-2011
Club Beyond Youth Group	2009-2011
Tennis (JV + Varsity)	Fall 2007, 2008, 2009
JV Basketball	Winter 2009
NJHS	2006-2008
Boy Scouts of America	2005-2007
School Band	2007