

PERSONAL INFORMATION

Colin Andrew EHREN



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Sex Male | Date of birth 02/03/1961 | Nationality British

PREFERRED JOB

Open Source Intelligence & Internet Investigation Specialist

WORK EXPERIENCE

April 2010 - Present

Managing Partner

C&SE - Internet Investigation Consultancy

- Internet Investigation Consultant and Trainer.
- Consultant Expert & Trainer - Open Society Institute Programme on Asset Recovery.
- Consultant Expert - Child Exploitation & Online Protection Centre (CEOP)
- Consultant Expert & Trainer - Uganda Anti-Corruption Mission (ICAR, Basel Institute on Governance)
- Consultant Trainer - UNODC Vienna.
- Consultant Trainer - Serious Organised Crime Agency
- Specialties - Covert Internet Investigations, Internet Investigation Tradecraft, Open Source Intelligence Training, Intelligence and Investigation Processes.

Business or sector e-Crime

July 2004 - March 2010

Detective Constable - Technical Support Desk, Met Intelligence Bureau

Metropolitan Police Service, London SW1H 0BG, United Kingdom

- Investigation and development of Confidential and higher classified intelligence by lawful exploitation of the Internet in support of Major Investigations undertaken by the MPS and Partner Agencies. Vetted to UK DV Strap 2.
- Principal Trainer - European Witness Protection Course 2009 (CEPOL) - Lisbon
- Consultant Trainer - International Criminal Court, The Hague.
- Principal Internet Investigation Trainer for MPS. Trained in excess of 4000 Officers, Investigators, Analysts, Researchers and Managers across UK and Europe.
- OCU Commander's Commendation for 'Professionalism, Dedication and Detective Ability'
- OCU Commander's Commendation for 'Outstanding commitment, enthusiasm and dedication in promoting the use of Open Source Intelligence gathering across the MPS'.

Business or sector Law Enforcement

Aug. 1999 - July 2004

Detective Constable - Open Source Desk, Service Intelligence Bureau

Metropolitan Police Service, London SW1H 0BG, United Kingdom

- Development of the Tactical and Strategic Open Source Intelligence requirement for the MPS.
- Investigation and development of Intelligence for Major Investigations undertaken by the MPS from the Internet, Police and Commercial Databases.
- Provision of fast time Intelligence Support for Critical Incidents in the MPS.

Business or sector Law Enforcement

- March 1989 - Aug. 1999 **Intelligence Officer - SO14 Royalty Protection**
Metropolitan Police Service, London SW1H 0BG, United Kingdom
- Provision of Intelligence relating to the safety and security of HM The Queen and The Royal Family.
 - Responsible for Intelligence Assessments relating to the Non-Terrorist Threat, including that relating to the funeral of Diana, Princess of Wales.
 - OCU Commanders Commendation for Development of the Intelligence Unit
- Business or sector** Law Enforcement
- Oct. 1983 - March 1989 **Uniform Constable - SO15 Royalty Protection**
Metropolitan Police Service, London SW1H 0BG, United Kingdom
- Control Room duties. Monitoring the Security and Alarm Systems and deployment of resources in response to incidents.
 - Constable - HM The Queen's Travelling Staff
 - Protection Duties at Buckingham Palace, Windsor Castle, the Palace of Holyroodhouse and Balmoral Castle.
- Business or sector** Law Enforcement
- Sept. 1979 - Oct.1983 **Uniform Constable - Havering Borough**
Metropolitan Police Service, London SW1H 0BG, United Kingdom
- Uniform Patrol duties
 - Public Order duties
- Business or sector** Law Enforcement

EDUCATION AND TRAINING

- May 2008 **Introduction to Training Skills**
Metropolitan Police Service, London SW1H 0BG, United Kingdom
- Systems of Training; Learning Styles Questionnaires; Lesson Plans; Communication & Feedback;
 - Teaching Aids; Teaching Skills; Learning Styles & Theories: Effective Learning Environments;
 - Briefings & Presentations; Planning & Preparation.
- Sept. 2006 **Covert Internet Investigations**
National Police Improvement Agency, Wyboston Lakes, Bedfordshire MK44 3AL United Kingdom
- Role of the CII; Legal Issues; Hardware and Software Resource Requirements;
 - Public Interest Immunity; Web Browsing; Evidential Capture and Corroboration; E-Mail;
 - Steganography and Encryption; Newsgroups; Online Storage; ICQ and Instant Messenger;
 - UK National Intelligence Model; File Transfer Protocols; Operational Risk Assessments;
 - Registration and Flagging; Online payments and Auctions; IRC and Web Chat;
 - Role of Authorising Officers and Deploying Officer.
- March 2005 **Internet Exploitation Course**
Partner Agency of Metropolitan Police Service.
- Classified content
- October 2004 **Linux Network Security & Forensics**
QinetiQ, Malvern, United Kingdom.
- Installation and Configuration of Linux Operating System; System Administration;
 - System Commands; File and Directory Permissions; Command Scripts; Backups;
 - Installing Applications; Linux Networking; Linux Firewalls; Users, Groups & Permissions;
 - Passwords, Shadow Files and Recovery; System Hardening; Log Files; Rootkits.
- November 2002 **Core Skills for Network Investigations**
National Police Improvement Agency, Wyboston Lakes, Bedfordshire MK44 3AL United Kingdom
- How Computers work; Operating Systems; Data Storage; Seizure of Electronic Evidence;
 - Computer Networks; Legal Issues - Search & Seizure and Network Investigations; Internet Services;
 - E-Mail; Information Relay Chat (IRC); Common Encryption Algorithms.

August 2002 Network Intrusion & Penetration Techniques (Ethical Hacking)

Parity Training / Internet Security Systems

- Legal & Human Resource Issues; Why perform Penetration Testing? - Hacker Perspective;
- Penetration Testing Perspective; Attack Types and Vulnerabilities;
- Researching Public Corporate Information; Researching Technical Information;
- Network Scanning, Mapping, Sniffing and Interpreting Results;
- Host Scanning and Interpreting Results; Vulnerability and Exploit Research;
- Theoretical Exploitation; Exploitation in Action; General Strategies.

May 2002 Internet Exploitation Techniques

Partner Agency of Metropolitan Police Service.

- Classified content

March 2002 Implementing MS Windows 2000 Professional & Server

Parity Training

- Installing Windows 2000; Configuration and Connecting Clients to a Window 2000 Network;
- Creation and Access Management of User Accounts and Groups; Managing Data Access by NTFS;
- Network Access to File Resources; Monitoring, Optimizing and Implementing Security;
- Configuration of Printing and Mobile Computing; Configuration and Management of Disks;
- Implementation of Disaster Protection; Installing, Configuring and Implementing Terminal Services,
- Windows 2000 Clients and Servers.

Feb. 2002 MS Windows 2000 Network & Operating Systems

Parity Training

- Administration and Securing a Windows 2000 Network; Examination of the Network,
- Networking Protocols, TCP/IP and IP Addressing; Optimizing IP Address Allocation;
- Examination of Web Services.

Sept. 1979 - Sept. 1981 Police College & Police Probationer Training

Metropolitan Police College, Hendon, United Kingdom

- Policing
- Criminal Law
- Evidence & Procedures

Sept. 1972 - July. 1978 Campion RC Grammar School

Homchurch, United Kingdom

- Secondary Education to 'O' Level.

PERSONAL SKILLS

Mother tongue(s) English

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	A2	A2	A2	A2	A2

Communication skills

- I have worked as part of many teams ranging from Police Public Order Units and Investigation Teams to small Anti-Corruption Teams.
- I regularly teach Internet Investigation Techniques in classroom environments and have lectured to audiences of 150+ persons (ACPO Football Intelligence Conference 2009, DGG International Communications Conference 2010).
- I work well with other cultures and nationalities, imparting knowledge and advice in a multicultural environment (European Witness Protection Course 2009 (Lisbon)) and under challenging conditions in the developing world (ICAR Uganda Anti-Corruption Mission 2011).

- Organisational / managerial skills**
- I have Regular interaction with clients consulting on and managing their expectations from Investigations or Training.
 - As a Team Leader I have managed and developed team of Internet Investigators (Met Intelligence Bureau)
 - I have consulted on and developed Internet Investigation strategies for MPS Major Crime investigations including that of the murder of a Nurse.
 - I have developed and deliver Internet Investigation training courses.
- Job-related skills**
- As a Police Officer I acquired many skills in the handling and management of people, often when they are in stressful situations or under intensive workloads. These range from compassion, understanding and empathy to confidence, leadership, control and decision making. These skills have been acquired when dealing with situations ranging from informing parents of the death of their child, the arrest of violent offenders and care and control of mentally disturbed persons at Royal Residence's to Case Conferences, Investigation Strategy Meetings and Technical and Budgetary Meetings for Computer Networks.
- Computer skills**
- I have good computer skills acquired from my current employment and the training I have undertaken, which encompasses the understanding of the capabilities and vulnerabilities of Computer Operating Systems, Office Productivity Software, Computer Networks and the Internet.
 - I am an experienced Covert and Overt Internet Investigator and teach and advise on;
 - Using computers for investigations
 - Investigation strategies
 - Compromise issues, and
 - Evidencing.
- Other skills**
- I enjoy watching Rugby and support my Club (Upminster) for which I played in the 1st Team and most recently in the Vets.
 - I enjoy Athletics, and represented the British Police both Nationally and Internationally.
 - I am a member of the Campaign for Real Ale (CAMRA)
 - I occasionally play Golf (no formal handicap).
- Driving licence**
- Categories - B, C1, D1