

ECS

EUROPEAN CYBER SECURITY ORGANISATION



CYBERSECURITY AWARENESS CALENDAR 2023

**NOVEMBER EDITION:
DIGITAL FORENSICS INVESTIGATOR**



**Digital Forensics
Investigator**

2023 CONTENT



Based on ENISA's European Cybersecurity Skills Framework (ECSF), this calendar will feature a different skill each month. ECSO aims to spread awareness of key aspects of cybersecurity and showcase ECSO Members and cybersecurity community's solutions and services.

The monthly themes for 2023 are planned as follows:

January – Chief Information Security Officer

February – Cyber incident Responder

March – Cyber Legal, Policy and Compliance Officer

April – Cyber Threat Intelligence Specialist

May – Cybersecurity Architect

June – Cybersecurity Auditor

July – Cybersecurity Educator

August – Cybersecurity Implementer

September – Cybersecurity Researcher

October – Cybersecurity Risk Manager

November – Digital Forensics Investigator

December – Penetration Tester



Chief Information
Security Officer (CISO)



Cyber Incident
Responder



Cyber Legal, Policy and
Compliance Officer



Cyber Threat
Intelligence Specialist



Cybersecurity
Architect



Cybersecurity
Auditor



Cybersecurity
Educator



Cybersecurity
Implementer



Cybersecurity
Researcher



Cybersecurity Risk
Manager



Digital Forensics
Investigator



Penetration
Tester

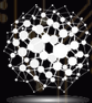
Did you know?



1. The main role of a Digital Forensics Investigator is to connect artefacts to natural persons, capture, recover, identify and preserve data, including manifestations, inputs, outputs and processes of digital systems under investigation. He/She also provides analysis, reconstruction and interpretation of the digital evidence based on a qualitative opinion. Presents an unbiased qualitative view without interpreting the resultant findings. More [HERE](#).
2. Some alternative titles to a Digital Forensics Investigator are: “Digital Forensics Analyst”, “Cybersecurity & Forensic Specialist”, and “Computer Forensics Consultant”. More [HERE](#).
3. The European Anti-Fraud Office (OLAF) has digital evidence specialists that provide both its investigators and its external partners with practical support for digital forensics (identification, acquisition, imaging, collection, analysis and preservation of digital evidence). More on their procedures [HERE](#).

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Resources from our Members



Digital Forensics Investigator



Combining, market-leading advanced analytics and intelligent automation with managed security services, Accenture's cyber resilience incubation centers help organizations out-innovate attackers every single day!

The Cyber Fusion Centers (CFC) is where we highlight the best of Accenture Security. We do this by demonstrating the depth of our skills and experience through storytelling, interactive workshops, and demonstrations of our latest innovations and core hosted capabilities, including FusionX's Cyber Incident Forensic Response (CIFR), FusionX's Advanced Adversary Simulation, iDefence and our security futurists at Accenture Labs.

See our industrialized, proven managed security services in action! Collaborate with our global security ecosystem and experience how persistent, 24/7 vigilance can give you the confidence you need to focus on your business, rather than the threats to it. You can do so in our Cyber Fusion Centers | Accenture in: Australia, Brazil, Czech Republic, India, Israel, Italy, Japan, Spain and in two locations in the USA.

- State of Cybersecurity Resilience 2023
- Everest Group PEAK Matrix® for Managed Detection and Response
- Cyber Resilience Capabilities



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Digital Forensics



Exprivia's incident response services cover the entire phase from discovery to incident management, forensic services, and advanced malware analysis to quickly understand the nature and origin of the attack:

- Incident response services identify a rapid and effective strategy, reducing the impact on business and supporting in the remediation and recovery phase of the systems;
- Threat intelligence services collect information on new and existing threats concerning the customer;
- Forensic analysis services include legal computer expertise, acquisition, duplication, and data extraction with repeatable techniques and methodologies, analysis of operating systems, analysis of unauthorised system access. Creation and protection of the integrity of the chain of custody of evidence sources and digital evidence.

Read more [HERE](#).



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Learn new skills and what it's like to be an Cyber Defense Forensics Analyst! (FOR FREE!)



GLOBAL
CYBER
ALLIANCE™

The Cybersecurity Career Path is part of the Cybersecurity Learning Hub which is an initiative designed to tackle the global cybersecurity skills shortage. Hosted on Trailhead, Salesforce's learning platform, it provides over 70 free courses with career oriented information, expert interviews and training modules. Take the Get Started with Cyber Defence Forensics trail to learn how cyber defence forensics improves an organisation's cybersecurity and what's needed to prepare for a career as a cyber defence forensics analyst. You can also check out other cybersecurity roles and learn vital skills for free whilst you're there!



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ISC2 Professional Development Opportunities and Cybersecurity Certifications for Digital Forensics Investigators

ISC2

Forensics Data Acquisition – This Express Learning course explains the digital forensics scientific process, data acquisition methods, and digital evidence handling and preservation principles. It is critical that security professionals understand the technical, legal, and administrative challenges facing data forensics to protect the information gathered prior to it being turned over for analysis to ensure the evidence holds up in a court of law. This course is ideal for cybersecurity professionals with a beginning level of knowledge of digital forensic concepts.

SSCP ISC2 Certification - The SSCP is the ideal certification for security professionals with proven technical skills and practical, hands-on security knowledge in operational IT roles. It confirms a practitioner's ability to implement, monitor, and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability. Intended for professionals who have a minimum of one-year cumulative work experience in one or more of the seven domains of the SSCP CBK.



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Resources from the Community



Exploring the Role of Digital Forensics Investigators



The rise of cybercrime poses significant threats to individuals, organisations, and nations. Amidst the digital battleground, Digital Forensics Investigators employ their expertise to expose the truth hidden within the digital realm. Ensuring that cybercriminal investigations reveal all digital evidence necessary to demonstrate malicious activities, these experts bridge the gap between digital artefacts and individuals, capturing, recovering, identifying, and preserving data related to digital systems under examination. See more [HERE](#).

Red Team

Our Digital Forensics Investigator are responsible for collecting, analysing, and preserving digital evidence from computer systems and networks to investigate or prevent criminal or fraudulent activities. They preserve evidence from emails, documents, or chats, and then analyse it for legal cases or incidents involving other hackers. Read more [HERE](#).



Digital Forensics
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Digital Forensics Pros Bolster Ransomware Defence with Key Skills



Digital Forensics Investigators must grasp Ransomware prevention fundamentals to proactively safeguard digital systems. Acquiring knowledge in cybersecurity measures, encryption protocols, and user awareness enables investigators to anticipate and counteract potential threats. By understanding the nuances of Ransomware prevention, these professionals can effectively analyse and respond to cyber incidents, mitigating risks and ensuring the integrity of digital environments they investigate. Keeping this in mind, itrainsec has a ready-made online training course 'RANSOMWARE: GUÍA DE SUPERVIVENCIA' (Ransomware: Survival Guide). Learn more [HERE](#).





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Thank you for your time!



The Cybersecurity Awareness Calendar
is an initiative launched by:
European Cyber Security Organisation (ECSO)
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