DIGITAL FORENSIC EXAMINER

At the Federal Bureau of Investigation (FBI), digital forensic examiners apply their technical skills and experience to preserve and analyze digital evidence related to FBI investigations. As key members of the Computer Analysis Response Team (CART), digital forensic examiners work with advanced technologies, forensic concepts, software, and tools to solve the Bureau's most challenging cases.

An Inside Look

FBI digital forensic examiners conduct inventory, examine, retrieve, and perform comprehensive technical analyses of digital evidence without altering original data, as well as forensically collect evidence from crime scenes for examination. Their work, to include the coordination and facilitation of forensic science activities and expert examinations, is essential to the FBI mission.

ALL ABOUT THAT EVIDENCE

Digital forensic examiners are experts at extracting data from digital media, even when the media is damaged by forces of nature or perpetrators attempting to prevent data from being recovered.

Their valuable knowledge and expertise involve the collection, preservation, and analysis of vital and often trace evidence found on:

- Mobile Devices
- Cloud Technology
- Internet of Things (IoT) Devices
- Vehicles
- Drones
- Security Camera Footage
- Desktop & Laptop Computers
- Digital Cameras
- DVR
- Loose Media

Applying Rigor and Process

As experts in their fields, digital forensic examiners extend their knowledge to mobile devices, Cloud, Drone and vehicle technology, databases, and Internet of Things (IoT). They're proficient in multiple operating systems and command interfaces (Linux, Windows, and Mac). They also work as technical consultants providing up-to-date training on digital evidence handling, other digital forensics concepts, and commonly used tools to special agents and other federal, state, and local law enforcement agencies.

All digital forensic examiners may be required to testify in court about procedures and methods used to obtain data. They also prepare authoritative oral and written reports on opinions and findings for stakeholders within the law enforcement community.

Computer Analysis Response Team (CART)

Due to the overwhelming nature of digital evidence and its prevalence in today's crimes, CART is the go-to force in the FBI for providing digital forensic services for both agency investigations and local, state, and federal partner investigations. CART uses digital forensic evidence to help solve crimes ranging from cybercrimes and computer intrusions to violent crimes, financial crimes, organized crimes, and national security matters.

Challenging Work Takes Multifaceted Experience

FBI digital forensic examiners bring a wealth of knowledge from an array of backgrounds:

- Computer Science
- Engineering
- Mathematics
- Computer/Digital/Electronic Forensics
- Data Structure and Design