What can I do with a major in Cybersecurity & Digital Forensics

The information below describes typical occupations and employers associated with this major. Understand that some of the options listed below may require additional training. Moreover, you are not limited to these options alone when choosing a possible career path.

**Description of Cybersecurity & Digital Forensics**

This interdisciplinary degree provides an integrated curriculum that will prepare you to pursue employment or graduate school in an fast-growing field. CBU’s degree integrates courses in computer science, electrical engineering and management information systems. You’ll learn how to protect confidential data stored within computer networks. You'll also learn how to engage in computer crime investigations – an emerging field known as digital forensics. As part of the academic program, you'll also participate in an internship with one of CBU’s corporate partners.

Computer science and engineering courses focus on subjects such as digital design, data structures, programming, networks and database design. Business coursework covers topics such as business applications, management information systems, information security and digital forensics.

**Possible Job Titles of Cybersecurity & Digital Forensics Graduates (Includes Full-Time, Internships & Co-Ops)**

(*Jobs secured as reported by CBU Career Services post-graduate survey)

- Computer Security Incident Response Analyst
- Cyber Crime and Breach Response Manager
- Cyber Incident Response & Investigations
- Cyber Intelligence Analyst
- Cyber Technologist
- Cyber-Counterintelligence (CI) Investigator
- Digital Forensics Analyst
- Director of Technical Security Risk
- Forensics Technology Cyber Crime Director
- Instructor
- MCIRT Analyst – RC
- Media Triage Technician
- Principal Cyber Engineer
- Principal Java Software Engineer
- Security Operations Analyst
- Senior Consultant, Cyber Threat Management
- Senior Digital Forensics Analyst
- Senior Computer Forensic Engineer
- Senior Network Forensic Engineer

**Possible Employers and Employment Settings for Cybersecurity & Digital Forensics Graduates**

(*Jobs secured as reported by CBU Career Services post-graduate survey)

- AccessData
- ADVANTAGE SCI
- AutoZone
- Basis Technology
- CGI
- Charter Communications
- Cleared Connections
- Cloudburst Security
- CUNA Mutual Group
- Deloitte
- Digital Management Inc.
- FedEx
- FireEye
- General Dynamics AIS
- Guidance Software
- Harding Security Associates
- HireMinds
- Information Technology Offices
- International Paper
- Johns Hopkins Applied Physics Laboratory
- Kaiser Permanente
- Lockheed Martin Corporation
- ManTech International Corporation
- Northrop Grumman
- Offices of State Personnel
- Pluribus International
- PwC
- Ralph Lauren Digital
- Raytheon
- Rockwell Automation
- Stanley Reid and Company
- Symantec

**Skill Sets and Interests Associated with Cybersecurity & Digital Forensics Majors**

- Ability to trace problems to their sources
- Perceiving/defining cause & effect relationships
- Skilled at clarifying problems or situations
- Problem Solving
- Analyzing communication situations
- Decision Making
- Systematizing/organizing material
- Awareness of community needs
- Organizing/classifying data
- Propensity to be a leader
- Anticipate and Diagnose problems
Top Career Services Resources for Cybersecurity & Digital Forensics Majors

Career Resources Library (Buckman 207)
CareerLinX:  https://cbu-csm symplicity.com/students/
Memphis Business Journal, Book Of Lists

Sign up for a free account and find out what careers you might be a fit for using:

TypeFocus:  www.typefocus.com  (Access Code: CBU8998)
SIGI 3:  www.tinyurl.com/cbusigi

CBU Campus Contacts Associated with Cybersecurity & Digital Forensics

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Additional Resources/Contacts for Cybersecurity & Digital Forensics Majors

Multi-State Information Sharing & Analysis Center:  https://msisac.cisecurity.org/resources/videos/free-training.cfm
Information Systems Audit and Control Association:  https://www.isaca.org/
Society for Information Management:  http://www.simnet.org/