CBU Career Services ● (901) 321-3330 ● www.cbu.edu/career ● career@cbu.edu

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

Possible Employers and Employment Settings for Cybersecurity & Digital Forensics Graduates
*(*Jobs secured as reported by CBU Career Services post-graduate survey)*

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

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)
Handshake: http://cbu.joinhandshake.com
Memphis Business Journal, Book of Lists

Find out what careers you might be a fit for you using:

TypeFocus: www.typefocus.com (Access Code: CBU8998)

CBU Campus Contacts Associated with Cybersecurity & Digital Forensics

Dr. Daniel M. Brandon, Jr.
Professor
(901) 321-3615
dbrandon@cbu.edu

Additional Resources/Contacts for Cybersecurity & Digital Forensics Majors

Computer Security Resource Center: http://csrc.nist.gov/
Office Of Homeland Security (Cyber Security Division): http://www.dhs.gov/topic/cybersecurity
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/
Federal Bureau of Investigation: http://www.fbi.gov/about-us/investigate/cyber
US Department of Justice - Computer Crime Section: http://www.justice.gov/criminal/cybercrime/
US Defense Cyber Crime Center: http://www.dc3.mil/
Society for Information Management: http://www.simnet.org/