Cybersecurity & Digital Forensics

THE STEVENSON CAREER CONNECTION CENTER

Career Pathways

Brown School of Business and Leadership

Overview:

Cybersecurity and Digital Forensics merges the interdisciplinary principles of marketing, business information systems, and visual communication. The curriculum is designed to provide a solid grounding of information technology, a foundation of computer security concepts, frameworks, and techniques, in addition to hands-on experience with current tools used to protect information systems, detect intrusions, and undercover evidence of malfeasance. With a degree in Cybersecurity and Digital Forensics, students will be prepared for an impactful career in an important, high demand field, protecting the nation's digital assets and infrastructure from bad actors.

Acquired Skills MOST Valued by Employers:

- Cybersecurity Tools and Technologies
- Risk Management
- Security Policies
- Digital Forensics Investigation
- Career & Self Development
- Communication
- Critical Thinking
- Equity & Inclusion
- Leadership
- Professionalism
- Teamwork
- Technology

Common Pathways:

- Digital Forensics Analyst
- Cybersecurity Specialist
- Forensics Support
- Digital Data Forensic Examiner
- IT Security Specialist
- Cyber Threat Analyst
- Digital Forensics Engineer

Please note that some of these pathways require an advanced post bachelor's degree

Common Industries:

- Federal, State, and Local governments
- Businesses and corporations
- Financial industries
- Law enforcement
- Military
- Intelligence and National Security agencies
- Government contractors

Sample of Employers for Stevenson University Students:

- National Security Agency
- Department of Defense
- Amazon
- Central Intelligence Agency
- T. Rowe Price
- Exelon Corporation
- CACI
- Deloitte Global
- Stanley Black & Decker
- Leidos
- Lockheed Martin

Internship Sites for Stevenson Students:

- National Security Agency
- Central Intelligence Agency
- Federal Bureau of Investigation
- CACI
- Lockheed Martin
- Northrup Grumman
- Exelon
- Defense Information Systems Agency
- United States Cyber Command
- General Dynamics
- ManTech

An Employer's Perspective:

The need for cybersecurity professionals is acute. The threat is large and growing, the stakes are huge and have "bottom line" effects, and many current professionals are approaching retirement age. One organization estimated a shortfall of almost 314,000 cyber professionals as of January 2019, and forecasts a gap of 1.8 million unfilled positions by 2022. Technical skills are essential in the world of cybersecurity and digital forensics. Employers are looking for candidates who can be quickly productive in taking on tasks to protect an organization's information infrastructure and respond to cyber-attacks. In addition, the exceptional candidate can work within teams, communicates well, has conscientious work habits, and takes initiative.

Salaries:

According to salary research, Cybersecurity and Digital Forensics graduates' average starting salary was $63,816. However, salaries are dependent upon the industry, level of position, and geographical region. A few good resources for researching salaries of specific jobs within various industries are www.salary.com and www.payscale.com.

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