

Alfred Steven Barker

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Career Objective To secure a full-time position as a Chief Information Security Officer.

Plans, directs and coordinates agency activities in Information Technology, specifically in the field of Information Security and Network Services. Develops and enforces the organization's security policies and procedures, security awareness program, the information security portion of the business continuity and disaster recovery plans, and all industry and government compliances issues. Incorporates the design of and develops security procedures to allow the deployment, management, control updating of platform and user specific security policies on a diverse range of internal hardware platforms supporting various software operating systems. May supervise or be the lead for lower level information security positions.

Qualifications/ Experience

Over 12 years experience, directing activities related to information security and network services at Gainesville State College/University of North Georgia such as: University System of Georgia (USG) liaison for information security; providing policy, plan, and procedure creation, guidance and review; providing firewall, IPS, and packet shaping audit and review; providing administrative and academic secure computing oversight; providing audit, verification and oversight to secure server and workstation implementations; Providing risk management, physical and logical infrastructure secure plans review; and advising the campus community in secure computing best practices with a focus on personnel development. Responsibilities include:

- Overseeing or conducting risk assessments to identify risk and to develop security measures and controls for mitigation.
- Developing and implementing IT system security plans, projects and initiatives.
- Planning, implementing, managing, and coordinating security measures for information systems to regulate access to computer data and prevent unauthorized modification, destruction, or disclosure of information.
- Implementing strategies for the protection of data, data storage, and transmission paths.
- Monitoring the use of data files and regulates access to safeguard data and information in computer files.
- Manages the installation, maintenance, and support of information security products/services.
- Working with business owners, IT managers, staff, and vendors in order to provide timely and efficient IT coordination of security services to meet agency needs.
- Serving as Subject Matter Expert (SME) representing the agency on all issues relating to agency information security.
- Creating reports on status of agency information security programs and projects.
- Communicating to senior executives through oral or written reports and presentations.

Most recently accepted an invitation to participate as a member of the SANS/EDU Advisory Board, which is made up of higher-education CISO's, Training Managers and IT Directors. The purpose of the board is to help bring SANS training to staff and faculty of higher-education in a creative, efficient and economical format.

Also most recently, I have accepted a position on the advisory council for INTERFACE-Atlanta, which provides educational content recommendations for and selections of the Exhibitor representations at INTERFACE.

Technical Competencies

- Knowledge of State and Federal regulatory laws and standards for the safeguarding of sensitive information and data.
- Knowledge of the federal risk management framework.
- Knowledge of current information security technology and software tools.
- Knowledge of IT project management methods and techniques.
- Ability to design/develop information security incident response plans and procedures to include procedures for the preservation of electronic evidence to legal standards.
- Ability to apply security architecture to design, using security appliances such as firewalls, host and network intrusion detection, software tools to protect IT infrastructure and assets.
- Ability to design/develop information security disaster recovery and information security continuity plans.
- Ability to develop information security performance metrics to measure effectiveness and maturity.
- Ability to prioritize and direct the work of others.
- Ability to produce technical writing in the area of information security.

Work History

- Chief Information Security Officer and Director of Information Security & Network Services – University of North Georgia
- Chief Information Security Officer and Director of Information Security & Network Services – Gainesville State College
- Director, Information Security & Network Services – Gainesville State College
- Asst. Dir., Information Security & Network Services – Gainesville State College
- Network & Information Security Administrator – Gainesville State College
- Computer and Network Support Specialist – Gainesville College
- Program Coordinator of Information Technology – Gainesville College, Continuing Education
- Consultant Instructor – Gainesville College, Continuing Education
- Adjunct Faculty Computer Information Systems – Lanier Technical College
- Self Employed/Student
- United States Marine Corps

Administrative/ Personnel Management

- Responsible for the strategic vision and goals and the mapping to institutional needs.
- Manages administrative needs through a variety of applications software, manages departmental budget; designs, constructs and maintains an “InfoSec” web site/portal site. Authors handbooks, report forms, organizational policies, plans, procedures guides and standards.
- Manages and supervises the entire IT support staff and service desk/helpdesk in support of information security initiatives and network services upgrades and new infrastructure with a strong emphasis on personnel development.

- Education**
 - M.S.I.S. Management Concentration, With Honors – Lewis University (NSA’s Center for Academic Excellence)
 - B.A.S. Technology Management – Gainesville State College, GA
 - SANS Institute – On-site and On Demand
 - Cisco Networking Academy – Lanier Technical College, GA
 - A.A.S. CIS – Gainesville State College, GA
 - Microcomputer Specialist, Lanier Technical Institute, GA

- Industry Certifications**
 - Global Information Assurance Certifications (GIAC) GISP, GLEG and GSEC
 - AccessData Certified Examiner FTK v.3 (ACE)
 - Microsoft Certifications
 - Cisco Certifications and a Certified Network Academy Instructor. CCNA and CCAI
 - CompTIA Certifications A+, Net+, iNet+, and Security+
 - Certified Internet Webmaster CIW
 - Fluke Networks Certified Cabling Test Technician, Copper and Fiber

- Career Development**
 - Project Management Training
 - Advanced Security IT Training
 - Customer Service Training
 - Facilitation Training
 - Management/Leadership Training
 - Legal Training

- Clubs and Affiliations**
 - CompTIA – IT Professional Member
 - Marine Corps League
 - Disabled American Veteran Association
 - Southern Off-road Bicycle Association
 - International Mountain Bike Association
 - National Mountain Bike Patrol Program

- Honors and Awards**
 - Graduate School of Management Academic Honors Award, Lewis University
 - Katherine Davidson Award, Gainesville College
 - Gainesville College Merit Award, Gainesville College
 - National Vocational Honor Society, Lanier Technical College
 - Georgia Occupational Award of Leadership, Lanier Technical College
 - Silver Leader Award, Disabled American Veteran Association
 - Above and Beyond Award for Extraordinary Service, Southern Off- road Bicycle Association
 - Awards and Decorations, United States Marine Corps

- References**
 - Provided Upon Request.