Cam Beasley

cam.beasley@gmail.com

Objective

I am interested in an opportunity where I am able to apply my experience and skills in a highly stimulating environment to effect significant and sustained positive change in information security.

Qualifications Summary

Senior Information Security Executive with 17 years of experience in highly complex, distributed computing environments which includes: developing and maintaining an information security program for an organization with a $2.5B annual operating budget; advanced incident response operations for one of the largest university systems in the United States; management of large-scale security risk assessments; deployment of innovative data exfiltration techniques; management of numerous criminal and civil computer forensics investigations; building highly effective technical teams; establishing goals, objectives and organizational performance measures; and coordinating campus-wide security awareness campaigns. Created strategies and systems to secure the polarities of a culture that values academic and information freedom with the needs associated with protecting highly sensitive research environments. Battle tested and entrusted by C-level executives with the highest levels of confidence and empowerment.

Education

Bachelor of Science in Chemical Engineering   The University of Texas at Austin
(Pre-Med, Minor in Biomedical Engineering)   Austin, Texas

Professional Associations, Certifications

- Certified Information Systems Security Professional (CISSP)
- Certified Information Forensics Investigator (CIFI)
- Certificate of Completion – Information Technology Leaders Program (ITLP)
- Sourcefire Customer Advisory Board
- U.S. Secret Clearance

Security Policy Development / Implementation / Compliance

- Developed and maintain a cost effective information security program for the University of Texas at Austin that is widely referenced by higher education institutions and corporations throughout the United States.
- Developed a federated campus-wide risk assessment program targeting 80,000+ business systems in 184 different business units.
- Coordinate security efforts across the University of Texas at Austin to identify key information security initiatives.
- Implemented inventory control processes to securely destroy 12,000 surplus hard-drives annually.
- Developed and implemented initiative to encrypt 11,000+ university owned laptops.
- Supervise the investigation of security breaches, initiate appropriate action to protect information assets, and assists with associated disciplinary and legal matters.
- Provide strategic and tactical information security advice to executive management.
- Work closely with various law enforcement agencies (e.g., FBI, USSS), as needed.
- Work closely with Office of Legal Affairs to ensure compliance with federal and state laws and university regulations.
- Build, motivate, and lead a professional team attuned to organizational culture, responsive to university needs, and committed to integrity and excellence.
- Responsible for the design, execution and effectiveness of a system of internal controls that provides reasonable assurance that operations are effective and efficient, assets are safeguarded, and compliant with applicable laws, regulations, and policies.

Incident Response and Handling

- Manage incident response operations for one of the largest single-campus universities in the United States (~2000 incidents per month or ~120,000 incidents throughout tenure).
- Manage security monitoring of the University of Texas at Austin network to identify and analyze

suspicious or malicious activity or policy violations (~250,000 unique devices on 5 Class B networks each year).
- Manage security monitoring of the University of Texas System network and the Texas Higher Education network (THEnet) to identify and analyze suspicious or malicious activity (115 institutions, ~800,000 unique devices connected to a 100 Gbps state-wide network).
- Manage team reverse engineering new malicious code and creating highly tuned, custom signatures for intrusion detection systems.
- Direct the development and implementation of the University's Incident Response Plan and the University's Data Breach Notification Plan.
- Direct the development and implementation of numerous tools and management interfaces to facilitate more streamlined incident response and handling operations.

Security Assessments / Forensics
- Experience conducting risk/vulnerability assessments and security reviews for complex and critical business systems along with providing meaningful reports and summaries of findings.
- Experience determining the security posture for very large networks with respect to various risks and how they might be impacted if exploited.
- Experience conducting criminal and administrative forensic examinations, consulting with the FBI and USSS on four investigations (personally conducted or guided ~95 computer forensics examinations).
- Experience maintaining and documenting the chain of evidence, serving as an expert witness for local and federal authorities, and in providing assistance with the creation of legal documents (e.g. search warrants, subpoenas, court reports) specific to computer related crimes.
- Knowledgeable of and comfortable with interpreting various state and federal security-related laws: FERPA, HIPAA, SOX, GLB, and DMCA.

Project Management
- Responsible for the functional and technical soundness of the planning, design, and project management of all campus projects involving information security.
- Experience with enterprise-wide project evaluation, economics, feasibility, and selection.
- Responsible for campus policy formulation and vetting on all matters concerning information security and privacy.

Financial Management
- Experience building and defending budgets for a number of information security projects and infrastructures that varied in size from single departments to enterprise-wide initiatives.
- Experience tracking operating funds including the purchase of equipment, supplies and travel necessary to accomplish the organization's mission.
- Experience conducting aggressive negotiations for very large enterprises resulting in several millions of dollars in savings.

Human Resources Management
- Currently manage a team of 16 highly technical information security analysts tasked with ensuring information security for the University of Texas at Austin.
- Provide guidance and instruction to 500 distributed IT support staff in 184 different campus units.
- Direct the development of individual performance plans for employees.
- Create and track all individual training plans to insure continued professional development.
- Successfully managed 165+ employees in User Services team for 12-months in an interim role.

Cam Beasley

cam.beasley@gmail.com

Employment Chronology

Adjunct Professor   August 2014 to Present
Department of Computer Science, Univ. of Texas at Austin   Austin, TX

Chief Information Security Officer   August 2005 to Present
Information Security Office, Univ. of Texas at Austin   Austin, TX

User Services, Director (interim)   June 2009 to July 2010
Information Technology Services, Univ. of Texas at Austin   Austin, TX

Manager, Information Security Operations   January 2005 to July 2005
Information Security Office, Univ. of Texas at Austin   Austin, TX

Senior Information Security Analyst   March 2003 to December 2004
Information Security Office, Univ. of Texas at Austin   Austin, TX

Information Security Analyst   September 1999 to February 2003
Information Security Office, Univ. of Texas at Austin   Austin, TX

Computer Programmer / Systems Analyst   September 1998 to September 1999
ITS Help Desk, Univ. of Texas at Austin   Austin, TX

Computer Programmer / Systems Analyst   September 1996 to September 1998
Texas Education Network, Univ. of Texas at Austin   Austin, TX

Microsoft Technical Sales Representative   September 1996 to February 1999
Mindshare Associates, on behalf of Microsoft Corp.   Austin, TX

Manager, Computer Software & Hardware Divisions   September 1994 to July 1996
Incredible Universe, Tandy Corp.   Dallas, TX

Exemplar Information Security Program Elements

- UT-Austin Information Security Policy and Standards,
  http://security.utexas.edu/policies/

- UT-Austin Information Security Office – Risk Management Services,
  http://security.utexas.edu/risk/

- UT-Austin Information Security Office – Public Wiki,
  https://wikis.utexas.edu/display/ISO

- UT-Austin Cyber Security Awareness Month Archives,
  http://www.utexas.edu/its/secure/archive.php

- UT-Austin ITS News Archive (shows emphasis on security),
  http://www.utexas.edu/its/news/archive/news

- Various sample reports are available on request