

# Information/Network Security Engineer

## Josh Burke

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### SUMMARY

Broad knowledge of hardware, software, and networking technologies to provide a powerful combination of analysis, implementation, and support. Experience in system and network administration and engineering, hardware evaluation, project management, systems and network security, incident analysis and recovery.

### OBJECTIVE

Provide network, systems, and security experience, knowledge, and solutions in a system and network-diverse environment. Protect confidentiality, integrity, and availability of information and information systems. Advise and engineer secure solutions for business opportunities. Learn and experience, mentor and share.

### EXPERIENCE

10/2005 – 09/2006 Getty Images Seattle, WA

#### **Information Security Analyst III**

Provide technical leadership to the enterprise for the information security program. Mentor and train others in information security in addition to training for other technical groups. Install and maintain security infrastructure, including IPS, IDS, log management, and security assessment systems. Assess threats, risks, and vulnerabilities from emerging security issues. Publish Security Updates newsletter for technical groups. Draft enterprise security standards and guidelines for system configuration. Managed process and acted in the lead role for computer security incident response team. Perform and create procedures for system security audits, penetration-tests, and vulnerability assessments. Develop scripts to maintain and backup key security systems.

12/2004 – 10/2005 Starbucks Coffee Company Seattle, WA

#### **Information Security Analyst – Technical**

Recommended preventive, mitigating, and compensating controls to ensure the appropriate level of protection and adherence to the goals of the overall information security strategy. Assisted in the development of access-controls, separation of duties, and roles. Conducted technical risk evaluation of hardware, software, and installed systems and networks. Assisted with testing of installed systems to ensure protection strategies are properly implemented and working as intended. Assisted in incident response and recommend corrective actions. Communicated with personnel about potential threats to the work environment. Participated in forensic recovery and analysis. Participated in development and maintenance of global information security policy.

11/2002 – 12/2004 BECU (formerly Boeing Employees Credit Union) Tukwila, WA

#### **IT Network & Security Analyst**

Maintained security of voice and data networks and equipment. Monitored and maintained physical and logical security and access to systems. Responsible for support of existing security policies and procedures, as well as creation and implementation of new security procedures. Risk assessment of partners. Presented options to management for the enhancement of DNS, firewall, modernization of firewalls, and inbound e-mail security and robustness. Assisted with the upkeep of network infrastructure including switches and load balancers. Assisted in migration of VPN concentrators to new project. Achievements include completing TruSecure enterprise certification, and development of incident handling procedures.

1/2001 - 8/2002 Internap Network Services Seattle, WA

#### **Security Systems Engineer, Core Systems Development**

Used previous experience in company to focus on securing information and systems. Trained and mentored employees in many job descriptions regarding security and system basics, best practices, etc. Documented existing and in-development policies, procedures, and systems. Deployed distributed intrusion detection sensor network. Security lead on new product design team. Business continuity consulting. Developed into lead security person at company.