Joshua J. Stone

CONTACT INFORMATION

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STRENGTHS

My greatest strengths for any organization are flexibility and adaptability. I feel I have demonstrated an ability to understand new things quickly. I have a driving passion to learn and understand the technology that powers the modern enterprise.

My work style is very comfortable in a team environment. I have endeavored to develop a basic honesty about my strengths and weaknesses with my colleagues in contrast to the systemic arrogance so prevalent in our industry.

I thrive in a high-pressure environment, and love to meet new challenges. I am most familiar with information security, but am not afraid to delve into other corners of IT as needed.

WORK EXPERIENCE

University of Illinois at Urbana-Champaign
IT Security Officer — Sept. 2006 - Present

Responsible for incident response, development of security infrastructure, and security policy. Developed and piloted unit-level security audit methodology. Implemented secure XMPP-based IM solution for the entire campus (40,000 users). Wrote UNIX-based SSN scanner to support campus-wide SSN-elimination project, now open source. Served on working group to review new body of campus security standards.

Slavic Gospel Association
Electronic Communications Administrator — March 2005 - Sept. 2006

Developed new web site infrastructure. Managed donor database and provided analytical services for Advancement (marketing). Managed publications process. Consulted in matters of information security, particularly with regard to secure communications with Russian nationals. Supported information flow between staff in Russian Federation and US office. Learned to speak, read, and write Russian at an intermediate level.

Ford Motor Company
Security Analyst, Ford CIRT — Jan. 2003 - March 2005

Served on a team of nine analysts providing incident response services for the entire enterprise. Conducted approximately 80 penetration tests for security review of internal and external applications and infrastructure. Supported Legal, Physical Security, and Human Resources with almost 200 forensic investigations.

Developed new framework for three-tiered system of penetration tests to increase team throughput. Reimplemented web proxy log analysis tools to produce two orders of magnitude improvement in performance. Wrote port scanner to scan entire enterprise's 24 million-IP network quickly (under one hour) to improve team performance during major incident response.

Michigan Technological University
Junior System Administrator — Jan. 2001 - Jan. 2003

Worked as system administrator in three departments on campus, supporting approximately 2,100 users in a predominantly Sun Solaris environment. Supported users of systems running varieties of UNIX, Linux, and Microsoft Windows. Provided technical support for researchers in a consulting role. Provided web-development and DBA services for the Campus Career Center. Was responsible for security monitoring and patch management for Solaris systems in Chemical Engineering Department.

EDUCATION

Bachelor of Science, Computer Science — Dec. 2002
Michigan Technological University — GPA: 3.62

SKILLS

Security	Exploits, Pen-Testing, Forensics, Incident Response, Policy
Programming	C/C++, Ruby, LISP, Perl, Java, Python
System Administration	UNIX/Linux, Windows, IRIX, *BSD
Web / Internet	PHP, .NET, CGI, HTML, JavaScript, Rails, SQL