

# JOSHUA J. RIEKEN

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Lifelong, Self-Motivated **Learner**  
Security-Minded **Technology Enthusiast**  
Insatiably Curious, Ethical **Hacker**

## OBJECTIVE

I am a passionate technology professional with several years experience in tech support, systems & network administration, and development. I currently serve as a System Developer at The Reynolds and Reynolds Company, where I deliver high-quality software solutions to the company and its clients. I am not seeking additional employment at this time.

## PAST PROFESSIONAL EXPERIENCE

### Game Developer

*Freelance*

Houston, TX 2008

- Developed high-quality games for the iPhone using Unity 3D
- Scripted complex game elements using JavaScript
- Administered remote hosts via SSH, SFTP, and HTTP to store and manage development data
- Installed, configured, and utilized web-based development tools such as Google Apps, Trac, and Subversion

### Student Technician

*The University of Texas at Austin – College of Liberal Arts – Dean’s Office*

Austin, TX 2006—2008

- Provided desktop and server support and various services (backup, mail, directory, and file sharing on Mac OS X server) for 100+ customers on Mac OS X and Windows XP machines in a three-person team environment
- Trained customers to use various applications and devices
- Managed a large inventory of computers, peripherals, and cabling
- Authored technical documentation about fixes, bugs, and other findings

### General Partner / Accountant / Technician

*Computer Systems Repair*

Amarillo, TX 2005

- Specialized in enhancing security of Windows XP machines (malware elimination and prevention, system and application hardening, router and firewall configuration)
- Serviced Windows XP machines on-site and in the workshop for customers in the Amarillo area

### Sales Representative

*RadioShack Corporation*

Amarillo, TX 2004—2005

- Determined and matched customer needs with technology products

### Dell Software Technician

*SITEL Corporation*

Amarillo, TX 2004

- Provided phone support for Windows XP, Microsoft Office XP, and McAfee and Norton products
- Achieved a top spot on an internal company list of technicians with a high QA score

### PC Builder

*Westgate Computers*

Amarillo, TX 2002

- Assembled hundreds of Windows XP PCs for customers
- Loaded and configured software with MS OEM System Builder

## EDUCATION & CERTIFICATIONS

- A+, Network+, GSEC Certified Professional (#17764, score of 94/100) 2008
- Graduate of SANS SEC-401 Security Essentials Boot Camp 2008
- The University of Texas at Austin; B.A., Philosophy and Government (3.81 GPA) 2006—2008
  - 4.0 GPA in Philosophy, Honors, Phi Beta Kappa, two-time College Scholar
- Amarillo College, Amarillo, TX; A.S. with Honors, Business Administration (3.72 GPA) 2003—2005
- Knowledgeable of industry issues and updates via RSS feeds, mailing lists, periodicals and books
- Maintains a personal test lab comprising several devices and operating systems

## TECHNICAL SKILLS & EXPERIENCE (including but not limited to)

- **Security:**
  - **Host-based:** Firewalls (Netfilter, Iptables, PF); OS hardening, Anti-malware, HIDS (OSSEC), HIPS (ZoneAlarm Pro)
  - **Network-based:** ACLs, Cisco VPN, network security monitoring sensor configuration and deployment
  - **Tools:** Aircrack, Amap, Argus, Cain and Abel, Dsniff, Ettercap, Hping2, John the Ripper, Kismet, Metasploit, Nbtscan, Nemesis, Nessus, Netcat, NetStumbler, Nikto, Nmap, Sguil, Snort, SSH, SuperScan, Sysinternals, Tcpdump, Wireshark (Ethereal), Xprobe
- **Networking:** TCP/IP; server configuration (Apache HTTP/HTTPS servers, POP, IMAP, SMTP, Samba, FTP, SFTP, Open Directory, Active Directory)
- **Operating Systems:** Windows 2000/XP/2003/Vista; Mac OS X client and server; Linux (Ubuntu, Fedora, CentOS); FreeBSD; OpenBSD
- **Hardware:** All forms of x86 hardware (from laptops to 8-core Xeon workstations and servers); mobile devices such as iPhone & Blackberry; some Cisco router and switch experience
- **Database Administration:** MySQL
- **Programming & Scripting:**
  - **Advanced-level** XHTML, JavaScript, CSS
  - **Intermediate-level** bash shell scripting, DOS batch scripting
  - **Beginner-level** C, C++, PHP 5, ActionScript 3, Python, Perl
- **Other Software:** Apple Remote Desktop, Microsoft Office XP/2003/2007/2008, Adobe Photoshop CS3, Flash CS3, Unity 3D

## OTHER ASSETS, ACHIEVEMENTS & INTERESTS

- Author of the philosogeek blog (<http://philosogeek.blogspot.com>)
- Skilled at writing, interpersonal communication, attention to detail, time management and teamwork
- Willing to travel short-term for work and training