

**David Shaw**  
Information Security Professional  
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*Experience:*

Senior Director of Engineering at Redspin October 2012-Present

Successfully guided the strategy of the Redspin security engineering team, including the creation of new services as part of Research & Development, coordinating interaction between Redspin Engineering and other divisions, running highly technical "custom scope" projects and leading software development efforts. Engaged heavily with our clients, from pre-sales discussions to report follow-ups.

Director of Penetration Testing & Technology at Redspin May 2011-October 2012

Technical manager of penetration testing services at Redspin. Managed highly-technical team of engineers, interfacing with clients to explain findings' issue, impact, and recommendation, and handling assessment scheduling within the engineering team. Successfully grew the team from two testers to fifteen engineers. Managed the growth of Redspin's technical infrastructure, both in-house and in the cloud.

Senior Security Engineer at Redspin August 2009-May 2011

Performed External Network Security Assessments and Application Security Assessments for use in PCI, HIPAA, and NERC compliance. Worked closely with security environments at large (Fortune 100) organizations.

Security Researcher at Secure Science Corporation May-September 2007

Worked on an External Threat Assessment Team to ensure the confidentiality, integrity and availability of major financial institutions' data. Conducted security research in order to predict and circumvent attacks.

Network Security Analyst at Quadrant Information Security June-September 2006

Formerly Softwink Global Network Security. Responsible for monitoring perimeter Snort logs and elevating alerts to appropriate client contacts. Developed features on PHP front-end to more easily interpret alerts.

*Internships:*

Database Engineer (Intern) at University of California, San Diego June-September 2005  
Developer (Intern) at San Diego Supercomputer Center (UCSD) June-September 2004

## *Selected Achievements*

- Founder of the OWASP Santa Barbara Chapter
- OWASP AppSec California Conference Organizer
- Technical Editor of *Nmap 6: Network Exploration and Security Auditing Cookbook*
- Speaker at Toorcon 12 (*Beginner's Guide to the Nmap Scripting Engine*)
- Speaker at LayerOne 2013 (*Discovering Dark Matter: Towards Better Android Malware Heuristics*)
- Speaker at DEF CON 21 Skytalks (*Discovering Dark Matter: Towards Better Android Malware Heuristics*)
- Speaker at BSides Las Vegas 2013 (*Discovering Dark Matter: Towards Better Android Malware Heuristics*)
- Speaker at BSides Los Angeles 2013 (*Introduction to Dynamic Malware Analysis*)
- Early contributor to the Burp Suite Extended framework, which was released at Black Hat 2012 (as an Arsenal presentation)
- Qualifying member of the *Shellphish* Capture the Flag team at DEF CON 20 and 21
- Creator of the web application <http://sleepyti.me>, which serves over two million requests per month. Featured in the New York Times, Toronto Star, C|Net, LifeHacker, The Week magazine and more
- Proficient in several programming languages, including Ruby (my language of choice), Python, PHP and Javascript
- Intimately familiar with Linux and BSD (\*nix) operating systems. Very comfortable with scripting tasks in these environments. My distros of choice are ArchLinux and FreeBSD.