



David Shaw

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SUMMARY

David is a proven technical leader. With a strong background in information security, David has led over one thousand network and application security assessments, overseen the development of several key software products, and presented research at many conferences across the country.

EXPERIENCE

CTO & VP Professional Services, Redspin
Carpinteria, CA — 2013–Current

Responsible for the creation of new services, the management and recruitment of Security Engineers, and the development of software used internally at Redspin. This role also coordinates each client engagement—from initial sales contact to post-engagement review—and is responsible for advancing business development, including the discovery and implementation of Redspin partnerships.

Senior Director of Engineering, Redspin
Carpinteria, CA — 2012–2013

Successfully guided the strategy of the Redspin security engineering team, including:

- Coordinating interaction between Engineering and other Redspin divisions
- Running highly technical “custom scope” projects
- Managing software development efforts

REFERENCES

Available upon request.

SKILLS

Expert understanding of network, software, and platform security. Advanced user of *NIX operating systems. Security researcher, with particular interest in complex threat modeling and risk analysis. Familiar with various flavors of agile development, and rapid software deployment.



*Director of Penetration Testing & Technology,
Redspin*

Carpinteria, CA — 2011-2012

Technical manager of penetration testing services at Redspin.

Responsibilities include:

- Managing highly technical team of skilled engineers
- Interfacing with clients and explaining findings' issue, impact and recommendation in detail
- Handling report scheduling within the engineering team
- Maintaining and developing various software projects used internally at Redspin

Senior Security Engineer, Redspin

Carpinteria, CA — 2009-2011

Conducted security assessments for Redspin clients across a variety of industries.

Security Researcher, Secure Science Corporation

San Diego, CA — 2007

Researcher on SSC's *External Threat Assessment Team*, responsible for phishing target identification and C2 destruction.

*Network Security Analyst, Softwink, Inc. (now
Quadrant Information Security)*

San Diego, CA — 2006

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

*Database Engineering Intern, University of
California, San Diego*

San Diego, CA — 2005

Database Engineer (Intern) in the Computer Vision department.

*Software Developer (Intern), San Diego
Supercomputer Center at UCSD*

San Diego, CA — 2004

Worked on GIS integration in the Croquet Project, an experimental 3D operating system.



SELECTED ACHIEVEMENTS

OWASP AppSec California Conference Founder/Organizer

Technical Editor of *Nmap 6: Network Exploration and Security Auditing Cookbook* (Published 2012)

Technical Editor of *Burp Suite Essentials* (Published 2014)

Author of *Nmap Essentials* (Expected Publishing: 2015)

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*)

Speaker at Toorcon 15 (*Death by Numbers: Scalable Mobile Malware Heuristics*)

Speaker at BSides Seattle 2013 (*Death by Numbers: Scalable Mobile Malware Heuristics*)

Speaker at THOTCON 0x5 (2014) (*Androids vs. Android: Synthetic Mobile Malware Analysis*)

Speaker at NolaCon 2014 (*Androids vs. Android: Synthetic Mobile Malware Analysis*)

Speaker at BSides Seattle 2014 (*How to Grow a Hacker*)

Invited Panelist at MIT Enterprise Forum ("Hacked!"), March 2015

(Accepted) Speaker at THOTCON 0x6 (2015) (*How to Grow a Hacker*)

(Accepted) Speaker at NolaCon 2015 (*How to Grow a Hacker*)

