

David Holmes

I evangelize network and application security solutions with a focus on cryptographic and denial-of-service attacks. My former experience as a security developer and analyst enables me to connect to all audiences from layman to ops to CISO.



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[LinkedIn Profile](#)

EXPERIENCE

F5 Networks — *Worldwide Security Evangelist*

July 2012 - PRESENT

As the face of F5 security, I've spoken at over 30 conferences, met with thousands of customers, recorded dozens of interviews, and written hundreds of bylines, whitepapers and blogs. "David Holmes has a knack for making technical information both interesting and relatable to the layman."

F5 Networks — *Principal Security Developer*

April 2001 - July 2012

3 Patents pending for authentication systems, advanced traffic management, SSL and TLS cryptographic protocols and primitives and applications. Kernel and userland development in C/C++.

CyberSafe — *Sr Software Engineer*

August 1996 - April 2001: Startup

C++ clients and server development in Unix and Windows NT. Specialization in Kerberos, GSSAPI.

Dvorak Development — *Exec VP Engineering*

1994 - 1996: Startup

Client development for CompuServe, AOL and Prodigy.

Sophco — *Support Engineer, Technical Writer*

1992 - 1994: Startup

Technical support engineer for a FoxPro clone. X86 assembly development. Wrote 900 page programming manual.

EDUCATION

University of Colorado, Boulder — *Computer Science*

SKILLS

Public Speaking

AR/PR

Video & Webinars

Writing

TOPICS

Cryptography

Denial of Service

Web Fraud

Security Architecture

Application Security

MEMBERSHIPS

Toastmasters International 2011

OWASP Member 2013

CONTRIBUTIONS

IETF TLS Working Group

OpenSSL Library

Ssldump Diagnostic tool

TOOLS & TECHNOLOGIES

Languages: Python, C++, x86 ASM

Frameworks: Django, MFC, GSSAPI

Databases: PostGRES, MySQL

Revision Control: git, perforce, RCS

WebDev: Django, CSS

Protocols: SSL/TLS, HTTP, TCP/IP

