kd> .load **Resume** ; *written in Microsoft Windows Debugger style*

kd> !**Info**

Date: 22 July 2017
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kd> k **Employment** 1

Citrix (www.citrix.com) October 2003 – present

Titles: Escalation Dev Analysis Engineer, EMEA Dev Analysis Team Lead, Technical Manager Dev Analysis EMEA, Principal Dev Analysis Engineer, Senior Software Engineer.

Performed diagnostics and root cause analysis of memory dumps and software logs from Fortune 100 and Fortune Global 500 customers. Designed, implemented, and maintained software diagnostic tools. Provided training to EMEA technical support teams, wrote and reviewed knowledge base articles. Managed a small team of engineers. Generated ideas behind many company projects.

kd> !list **Ownership** L2

Software Diagnostics Services (www.patterndiagnostics.com, founded July 2010): provided abnormal software behavior analysis audit for non-Citrix environments; developed and delivered seminars and training courses in software diagnostics and debugging, malware analysis, memory dump analysis and memory forensics, reversing, software trace and log analysis.

Software Diagnostics Institute (www.dumpanalysis.org, founded March 2006): developed innovative analysis pattern methodology and pattern languages for software diagnostics, forensics, prognostics, root cause analysis, debugging, software data analysis.

kd> !list **Expertise** -main

Pattern-oriented software diagnostics, root cause analysis, debugging, software internals. Architecture, design, and implementation of software diagnostic tools.

kd> !list **Experience** -recent

C, C++, C#, x86/x64 assembly language, disassembling and reversing, WinDbg, .NET postmortem debugging, JavaScript scripting, Win32 API, Windows internals, kernel and physical memory analysis, GDB and LLDB, Linux and Mac OS X core dump analysis, iOS log analysis, network trace analysis, software fault modeling, UML, architectural, design, and implementation patterns.

kd> !list **Publications** -summary

More than 30 books on software diagnostics, forensics, root cause analysis and problem-solving, memory dump analysis, debugging, software trace and log analysis, reverse engineering, and malware analysis.

kd> !list **Education** -high

Izhevsk State Technical University, 2003 – 2007, BSc/MSc, Computer Science, Software Engineering; Moscow State University, 1987 – 1992, Chemistry.

kd> !list **Certifications** L2

Windows Internals, OMG Certified UML Professional.

kd> !list **Interests** L8

Contemporary Mathematics, Computer Science, Physics, History, Literary Criticism, Narratology, Linguistics, Philosophy.

kd> !list **Membership**

IEEE Computer Society, ACM.