

WORK HISTORY

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|---------------------|--|
| Jan 2016-Present | Senior Software Engineer for Google Chrome; Google <ul style="list-style-type: none">• Chromium Committer; Chrome Security Enamel team member• Helping to bring HTTPS to all sites on the Web through evangelism, feature development, and bug fixing |
| Oct 2012-Dec 2015 | Product Manager / Principal .NET Developer for Fiddler Web Debugger; Telerik <ul style="list-style-type: none">• Ongoing design, development, documentation, and evangelism of the Fiddler Web Debugger and FiddlerCore class library• Contributing developer for the Test Studio Load Test product |
| Nov 2010-Oct 2012 | Senior Program Manager Lead for Internet Explorer Fundamentals; Microsoft Corporation <ul style="list-style-type: none">• Led a team of four Program Managers to deliver on IE's Security, Privacy, Reliability, Telemetry, Extensibility, and Process Model features• Worked cross-team with Windows 8 Platform and Office teams to build major new application platforms for Windows 8 and Office 15• Designed and developed improvements for WinINET caching logic to improve performance and standards-compliance• Wrote functional specifications, blog posts, vision documents and presentations |
| Oct 2007-Nov 2010 | Security Program Manager for Internet Explorer; Microsoft Corporation <ul style="list-style-type: none">• Developed and drove the security strategy and feature set for Internet Explorer• Represented IE Security for Microsoft at conferences, in working groups, and on the IEBlog |
| Mar 2007-Oct 2007 | Program Manager for Internet Explorer Developer Experience; Microsoft Corporation <ul style="list-style-type: none">• Junior architect for Developer Experience team to help ensure PM specs supported IE Developer platform vision• Worked with Internet Explorer's Developer Experience team to design and develop a secure cross-domain solution for AJAX |
| Nov 2004- Mar 2007 | Program Manager for Internet Explorer Networking & Trust; Microsoft Corporation <ul style="list-style-type: none">• PM owner for IE Networking team; led a team of 6 developers and 12 testers to successfully deliver Networking and Zones components for Internet Explorer 7• Designed and spec'd IE7 support for International Domain Names, CURI, Enhanced Validation SSL certificates, HTTPS user-experience.• Developed, documented, maintained, and evangelized toolset (Fiddler, ZoneView, Meddler, NetCheck, TLSTest, etc) to improve developer, tester, and customer experience• Triaged product and SE bugs; resolved 800+ bugs; opened 150+ bugs as a self-hoster |
| June 2001- Oct 2004 | Program Manager for Microsoft Office Online; Microsoft Corporation <ul style="list-style-type: none">• Delivered tools and expertise to optimized Office Online performance (bandwidth savings alone >\$13,000 per month)• Owned Templates, ClipArt, and Deployment Center subwebs• Developed content programming, security testing, and other tools• Area owner for security, privacy, and front-end performance• Owned Office Clip Organizer client application, Office client-server communication |
| June 1998- Present | Developer, Bayden Systems (www.bayden.com)
Develop, support, and maintain popular freeware tools including SlickRun, IEToys, etc |

AWARDS

IE User-Agent, 2014-

Internet Explorer MVP, 2013-

Microsoft Engineering Excellence award for Fiddler Web Debugger, 2007

Office Security prize for penetration testing, 2001

SELECTED SPEAKING ENGAGEMENTS

O'Reilly Security 2016: Migrating to HTTPS

Velocity 2015: HTTPS in 2015

DevReach 2015: Fiddler in 2015

CodeMash 2015: Lucking In, HTTPS in 2015

Velocity 2014: Plenary Lightning Demo

CodeMash 2014: Fiddler

DevReach 2013: Debugging with Fiddler

DevSum 2012: Debugging with Fiddler

MiX 2010: Advanced Web Debugging with Fiddler

PDC 2009: Become a Web Debugging Virtuoso with Fiddler

Usenix 2009: Building Secure User-Agents

MiX 2009 Session: Building Secure Websites

RSA 2009 Theater Presentation: IE8 Security & Privacy

Microsoft MVP Summit: 2009, 2008, 2007

Yahoo Security Week Invited Speaker: 2009, 2008

Hack-In-The-Box 2008 Session: Engineering a Trustworthy Browser

FireStarter Session & Webcast: IE8 Security

Microsoft Malware Prevention Conference, 2008

Velocity Web Performance Conference, 2008

TechReady 2007: IE Security

TechEd 2007: The Windows RSS Platform

TECHNICAL REVIEW ENGAGEMENTS

Bulletproof SSL and TLS by Ivan Ristić

Ultra-Fast ASP.NET 4.5 by Richard Kiessig

Pro IE8 and IE9 Development by Matthew Crowley

High Performance Web Sites by Steve Souders

Even Faster Web Sites by Steve Souders

Internet and World Wide Web: How To Program by Deitel & Deitel

WRITING ENGAGEMENTS

Authored [Debugging with Fiddler](#) ISBN: 1475024487 (330 pages); 1st & 2nd Editions

Author of <https://textslashplain.com> blog

Author of the IEInternals blog: <https://blogs.msdn.com/IEInternals>

See other writing at www.ericlawrence.com/Eric/writings.asp

Book chapter in *Windows Developer Power Tools*

[CodeFocus Magazine](#)

Winter 2007 Paper on Browser Security Technology for Bill Gates' ThinkWeek

FORMAL LEADERSHIP

Team Lead for Internet Explorer Fundamentals team

Mentor/manager for three Microsoft Interns

EDUCATION

Sept 1997-May 2001

Bachelors of Science in Computer Science; University of Maryland at College Park

Maryland Distinguished Scholar

National Merit Scholar Finalist

RELEVANT COURSES

Software Engineering, Advanced topics in Java, Operating Systems, Organization of Programming Languages, Data Abstraction using C++, Human Computer Interaction

TECHNICAL SKILLS

- Web Technologies: HTTP, TLS, TCP/IP, AJAX, HTML, XML
- Security: Analysis, threat modeling, penetration testing
- Languages: C#, C++, Delphi, JavaScript, C, Java
- User Interface design and analysis

OLDER WORK HISTORY

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|----------------------|---|
| Sept 2000- June 2001 | Student Consultant for Microsoft Corporation; College Park, MD
Evangelized Microsoft development technologies to Universities. Hosted tech talks, designed and delivered presentations to large technical audiences. |
| June 2000- Aug 2000 | Program Manager Intern, Microsoft Corporation; Redmond, WA
Designed and specified downloadable templates feature of SharePoint. Coordinated with developer and other product teams to implement the feature. Built template packager GUI application. |
| Jan 2000- May 2000 | Intern Web Developer, The Motley Fool; Alexandria, VA
Developed Web-based Portfolio View Editor application using IIS, ASP 3.0, SQL, JavaScript, VB COM objects and DHTML. Participated in the design process and developed for cross-browser compatibility. |
| June 1999- Aug. 1999 | Program Manager Intern, Microsoft Corporation; Redmond, WA
Developed prototype web-collaboration applications using a v1 component of Microsoft Office 10 (later named SharePoint). Contributed to ongoing product design process and reported bugs as discovered. Designed Win32 client application using VB to manipulate custom XML schema via HTTP. Created and maintained browser compatibility specification and competitive analysis. |
| July 1998- Jan 1999 | Intern Web Developer, C.T.I.S. Incorporated; Rockville, MD
Developed web applications using Microsoft FrontPage, ActiveX, Active Server Pages, and ADO. Converted a client's PowerPoint prototype into an Internet site. Designed animated GIFs and graphical elements using Adobe Photoshop and Microsoft Image Composer. Presentation design using Macromedia Director 7. |
| June 1997- June 1998 | Associate Programmer, DiGioia and Associates, Incorporated; Frederick, MD
Designed and developed Windows applications in Delphi. |
| June 1994- June 1996 | Electronics Test Technician, EIT Incorporated; Sterling, VA. |