

Chris Herborth

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Professional developer, professional writer, wanna-be video game designer. I want to make great things that matter to people.



Education

Certified Scrum Master - Agile Alliance

Certification: 142621 (lapsed)

Scrum Master: BlackBerry Security Capabilities Development, 2011

Product Owner: BlackBerry Security Capabilities Development, 2012

Certified Secure Software Lifecycle Professional - (ISC)²

CSSLP Exam: Spring 2011

CSSLP Certification: #394125, April 2012 to March 2015.

University of Waterloo - Waterloo, Canada

Major: English: Rhetoric and Professional Writing

Mini-minor: Computer Science

BlackBerry

Waterloo, Ontario
2010-present

Security Automation Developer

- **Guardian cloud service.** Designed, implemented new cloud service; website, interop, unit tests.
Tech/Skills: Python, HTML 5, CSS, Bootstrap, jQuery, MongoDB, MySQL, JSON, Eclipse, PyDev, pylint, JIRA, Confluence, Perforce, bash/sh scripting, Scrum, VMWare, Ubuntu, Computer/Network Security.
- **Guardian malware scanner.** Designed analysis modules; Developed core, modules, website, interoperability with external systems, unit tests.
Tech/Skills: Python, JavaScript, jQuery, HTML 5, CSS, MySQL, Oracle, JSON, SOAP, XML, Eclipse, PyDev, pylint, Rally, Confluence, Perforce, bash/sh scripting, Scrum, MS Office, VMWare, Mac OS X, Windows 7, Computer/Network Security, Static Analysis.

Security Capabilities Developer

- **"Qpasa" device analysis tool.** Designed data extraction tool; Developed tool, plug-in system.
Tech/Skills: Python, Subversion, BlackBerry 10, bash/sh scripting, Scrum, MS

Office, Jira, VMWare, Mac OS X, Windows 7, Computer/Network Security, Static Analysis.

- **OpenGrok source search.** Set up and maintained an OpenGrok server hosting a collection of closed and open source code repositories for the Security Research Group.

Tech/Skills Ubuntu Linux, OpenGrok, git, Subversion, Perforce, MS Office.

- **"Dior" software readiness review tool.** Designed website; Automated convoluted business process; Implemented code analysis; Scrum product owner.
Tech/Skills: C#, JavaScript, jQuery, ASP.NET, MVC3, HTML 5, CSS, MS SQL Server, VisualStudio, Code Analysis, StyleCop, Rally, Subversion, Scrum, MS Office, Jira, VMWare, Mac OS X, Windows 7, Computer/Network Security, Static Analysis.

- **"Neo" security project manager.** Maintained website, code base; Implemented new features.

Tech/Skills: PHP, JavaScript, jQuery, XHTML, CSS, MySQL, Ubuntu Linux, bash/sh scripting, Subversion, MS Office, Netbeans, VMWare, Mac OS X, Computer/Network Security.

Dundas Data Visualization

Toronto, Ontario
2006-2010

Data Visualization Developer

- **"Atlas" support/documentation system.** Designed website, documentation management system, support forum; Implemented website, documentation management system, support forum; Wrote *Dundas Dashboard* documentation, sample code.

Tech/Skills: C#, ASP.NET, VisualStudio, MS SQL Server, ScrewTurn Wiki, Team Foundation Server, Subversion, MS Office, Windows 7.

Senior Zombiologist

- **"Zombie" project maintenance.** Managed developer team maintaining .NET components; prioritized feature development, bug fixing; Maintained documentation, sample code.

Tech/Skills: C#, VisualBasic.NET, ASP.NET, VisualStudio, MS SQL Server, Visual SourceSafe, MS Office, Windows XP.

Product Finisher

- **.NET component finishing.** Created sample code, documentation, tutorials for data visualization components.

Tech/Skills: C#, VisualBasic.NET, ASP.NET, VisualStudio, MS SQL Server, Visual SourceSafe, MS Office, Windows XP.

- **Monthly developer newsletter.** Wrote and edited articles, tutorials, sample code, demos.

Tech/Skills: XHTML, CSS, C#, VisualBasic.NET, ASP.NET, VisualStudio, MS SQL Server, MS Office, Windows XP.

QNX Software Systems

Kanata, Ontario

1995-1999,

2004-2006

Senior Technical Writer

- **Momentics documentation.** Wrote and maintained documentation, tutorials, and sample code for IDE and developer tools suite.

Tech/Skills: C, C++, Eclipse, Momentics, SGML, HTML, Subversion, bash/sh scripting, QNX, MS Office, Bugzilla, Windows XP.

Became a ninja.

R&D Technical Writer and Tools Developer

- **QNX 4, Photon, Neutrino documentation.** Wrote and maintained documentation, tutorials, and sample code for realtime operating systems and GUI.

Tech/Skills: C, SGML, LaTeX, PostScript, CVS, bash/sh scripting, QNX 4, QNX Neutrino.

- **Documentation tools.** Designed, implemented and maintained SGML to HTML/PostScript tool chain.

Tech/Skills: SGML, HTML, Python, LaTeX, PostScript, CVS, bash/sh scripting, QNX 4.

CRYPTOCARD Corporation

Kanata, Ontario

2003-2004

Documentation Overlord

- **CRYPTOCARD documentation.** Designed, wrote and maintained documentation and tutorials for developers, system administrators and end-users.

Tech/Skills: XML, HTML, CSS, MS Office, Adobe Creative Suite, Subversion, Mac OS X, Windows XP, Computer/Network Security.

- No, seriously, I still have the business cards.

Cognos Corporation

Ottawa, Ontario

2002-2003

Technical Writer 4

- **ReportNET documentation.** Designed, wrote and maintained developer documentation and tutorials.

Tech/Skills: FrameMaker, XML, Perforce, Java, C#, SOAP, MS Office, Windows 2000.

Texar Corporation

Ottawa, Ontario

2000-2002

Senior Technical Writer

- **s-Peer documentation.** Designed, wrote and maintained end-user documentation and tutorials.

Tech/Skills: JavaDoc, XML, Subversion, MS Office, Windows 2000, Computer/Network Security.

- **Secure Realms documentation.** Managed technical writing team. Designed wrote and maintained administrator and end-user documentation and tutorials.

Tech/Skills: FrameMaker, C, Java, Visual SourceSafe, MS Office, Windows 2000, Solaris, Computer/Network Security.