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## CHRIS HERBORTH

**OBJECTIVE** To lead a development team obsessed with code quality and software security, making great things.

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### SKILLS & ABILITIES

#### CERTIFICATIONS

##### *Certified Scrum Master*

Certification # 142621 (lapsed)

Scrum Master 2011-2015 BlackBerry Security Application Defence

##### *CSSLP – (ISC)<sup>2</sup>*

Certification # 394125, April 2012 – March 2015

Exam – Spring 2011

#### LEARNING

Node.js, Matasano Crypto Challenges, Software Security @ Coursera, Phonegap/Cordova, Unity (3D engine/IDE)

Fast learner due to tech writing background, with or without formal training. I want to Know All The Things, and I kick butt at trivia.

#### CURRENT

Python, Eclipse, Perforce, JIRA, Scrum, Git, HTML 5, CSS 3, Bootstrap, jQuery, VMWare, Linux (Ubuntu 14.04), Windows (7, 8.1), MySQL, Apache, Cassandra, Kafka, Unit Testing, Code Quality, BlackBerry 10

#### RUSTY

C#, .NET, VisualStudio, Subversion, Mac OS X, Static Analysis, MS SQL Server, Team Foundation Server, C, C++, Technical Writing, QNX, FrameMaker, Mentoring, Team Management

#### FAMILIAR

Java, Oracle

## EXPERIENCE

### **SECURITY AUTOMATION DEVELOPER, BLACKBERRY/RIM**

2010 – Present

“Frontline” – Designed and developed a cloud service for checking application reputation at install time. Investigated and chose various new technologies (Cassandra, Kafka, OpenNebula). Mentored the team on new technologies, higher code quality, and Frontline code base, unit tests, and deployment.

“Blacklight” – Developed new features for an automated malware detection and analysis engine. Maintained existing large code base while driving for code quality and unit test coverage.

### **SECURITY CAPABILITIES DEVELOPER, BLACKBERRY/RIM**

2010 – 2012

“Qpasa” – Initial design and development of an on-device BlackBerry 10 analysis tool to detect undocumented changes between operating system builds.

OpenGrok – Set up and maintained a central search repository pulling together various sources of code from throughout the company.

“Dior” – Designed a Software Readiness Review (SRR) web app that automated a convoluted business process, making the SRR process repeatable and significantly faster.

“Neo” – Designed and developed new features for a security project management web app.

### **DATA VISUALIZATION DEVELOPER, DUNDAS DATA VISUALIZATION**

2006 – 2010

“Atlas” – Designed and developed a support and production documentation web app based on ScrewTurn Wiki. Wrote *Dundas Dashboard* documentation, sample code, and demos.

“Zombie” – Lead a small development team that implemented new features and maintained legacy projects to comply with existing service contracts. Title was “Senior Zombiologist.”

Product Finisher – Created sample code, demos, documentation and tutorials for .NET data visualization components. Designed and implemented new features. Published monthly newsletter of tips, tricks, samples, and new feature documentation.

### **SENIOR TECHNICAL WRITER, QNX SOFTWARE SYSTEMS LTD.**

2004 - 2006

Wrote QNX toolchain and IDE documentation for Momentics, including tutorials and sample code.

### **DOCUMENTATION OVERLORD, CRYPTOCARD CORPORATION**

2003-2004

Designed and wrote documentation and tutorials for CryptoCARD’s network security products.

**EDUCATION**      **UNIVERSITY OF WATERLOO – BACHELOR OF ARTS: ENGLISH – RHETORIC AND PROFESSIONAL WRITING**

Graduated with Honours, “mini-Minor” focus on Computer Science.

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**COMMUNICATION**      Wrote several articles for IBM’s developerWorks website.  
Wrote *UNIX Visual QuickPro* for Peach Pit Press.

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**LEADERSHIP**      Scrum Master at BlackBerry.  
“Project Zombie” development team lead at Dundas Data Visualization.  
Technical Publications Manager at TEXAR Corporation during the .com bubble.

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**REFERENCES**      **JEREMY BOONE**  
Senior Security Engineer, Motorola  
jeremy.boone@gmail.com

**CANDACE SIKORA**  
Senior Program Manager, Amazon  
csikora1@gmail.com

**SHAWN WALLACE**  
Technical Lead/Manager, Google  
shawn@wa.ca

**GITHUB**  
<https://github.com/Taffer>

**OPEN SOURCE**  
Maintained Info-ZIP’s zip and unzip for QNX and BeOS.  
Maintained Python for QNX and BeOS. Improved Python’s support for being used as a shared library.  
Helped with PNG image format specification.