

# RESUME

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Brian Jay Stanley

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Software developer and writer

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Experience | Education | Skills | Publications | Awards

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## Experience

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### **Director of Development**

BuildFax

*Asheville, NC*

November 2011 - present

- » Developed scalable, cloud-based web applications using Python, Django, MySQL, and Memcached.
  - » Wrote technical specifications.
  - » Created RESTful web service.
  - » Wrote clean, commented, object-oriented code following best practices.
  - » Designed database schemas, object models, and XML schemas.
  - » Implemented enterprise search using Solr/Lucene.
  - » Designed efficient algorithms for processing massive data sets.
  - » Trained and supervised other developers.
  - » Wrote API documentation.
  - » Wrote automated test suites.
  - » Configured Linux and Apache and managed Amazon EC2 servers in the cloud using RightScale.
  - » Accurately estimated project timelines and met deadlines.
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## **Senior Developer**

BuildFax

*Asheville, NC*

October 2010 - November 2011

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## **Developer**

BuildFax

*Asheville, NC*

October 2009 - October 2010

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## **SharePoint Developer**

dataBridge

*Asheville, NC*

June 2009 - September 2009

- » Developed intranets and extranets using Microsoft SharePoint.
  - » Created custom console applications in Visual C#.
  - » Wrote SQL queries, views, and stored procedures in SQL Server.
  - » Designed reports with SQL Server Reporting Services.
  - » Installed and configured virtual development environments running Windows Server.
  - » Performed server administration tasks.
  - » Developed databases in Microsoft Access.
  - » Interfaced with clients to gather requirements.
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## **Conference Database Developer and Electronic Journal Publisher**

ACA-UNCA Partnership for Undergraduate Research, University of North Carolina at Asheville

*Asheville, NC*

April 2009 - October 2009

- » Developed MySQL database for managing conference registration, article submissions, and review process.
  - » Developed website and web-based forms using Joomla!.
  - » Wrote PHP scripts for performing administrative tasks.
  - » Developed electronic journal publishing system using MySQL › PHP › XML › XSLT pipeline.
  - » Wrote JavaScript functions and CSS stylesheets.
  - » Provided expertise on best practices for information management.
  - » Wrote technical manual.
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## Web and Database Developer

Ramsey Library Special Collections, University of North Carolina at Asheville  
Asheville, NC

February 2008 - April 2009

- » Developed master collection database in Microsoft Access.
- » Wrote validation scripts in Visual Basic to improve integrity and efficiency of data entry.
- » Created XSLT stylesheets to generate web pages from XML files and crosswalk data into library catalog.
- » Wrote Python programs for processing XML and HTML files.
- » Modified metadata schemas, administered controlled vocabularies, and created and managed metadata for digital collections in a variety of formats.
- » Designed website for large manuscript collection.
- » Developed comprehensive workflows and best practices for creating digital collections.
- » Trained staff in data entry, naming conventions, and web content creation.
- » Wrote online documentation.

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## Education

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University of Illinois at Urbana-Champaign Champaign IL	M.S. Library and Information Science (digital libraries concentration)	2009	GPA: 4.0
Duke University Durham NC	M.T.S. Master of Theological Studies	2003	GPA: 3.95 summa cum laude
University of North Carolina at Chapel Hill Chapel Hill NC	B.A. Religious Studies	2001	GPA: 3.99 highest distinction, highest honors

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## Skills

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### Standards/Languages

- » *Programming languages*: Python, C#, JavaScript, PHP, regular expressions, Visual Basic
- » *Relational databases*: MySQL, SQL Server, Microsoft Access
- » *XML standards*: XML, XSLT, XPath, XSL-FO, XML Schema
- » *Web standards*: (X)HTML, CSS
- » *Metadata/cataloging standards*: Dublin Core, TEI, MARC, AACR2

## Software/Hardware

- » Editors/IDEs: Wing, Visual Studio, Oxygen XML Editor, Eclipse
- » Frameworks/Content Management Systems: Django, Microsoft SharePoint, Joomla!, CONTENTdm, Greenstone, Movable Type
- » Server Administration: Linux (Ubuntu), Apache 2, Windows Server/IIS
- » Cloud Computing: Amazon EC2, Amazon S3, RightScale
- » Graphics editors: Adobe Photoshop

## Publications

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### Essays

- » "The Communion of Strangers", *The Sun*, forthcoming
- » "A Sense of All Sorrows", *Pleiades*, forthcoming
- » "Meditation During a Rainstorm", *Connecticut Review*, 2010, vol. 32.2, p.129-135
- » "A Visit to the City", *The Redwood Coast Review*, 2010, vol. 12.2, p.10
- » "Confessions of a Carnivore", *North American Review*, 2009, vol. 294.5, p.37-39
- » "In Praise of Passion", *The Dalhousie Review*, 2009, vol. 89.3, p.369-379
- » "On Being Nothing", *The Antioch Review*, 2009, vol. 67.2, p.340-348
- » "Night Thoughts", *The Tusculum Review*, 2008, vol. 4, p.94-98
- » "The Electric Present", *Rock & Sling*, 2007, vol. 4.2, p.14-18
- » "The Lonely Race", *The Laurel Review*, 2007, vol. 41.2, p.91-94
- » "The Finite Experience of Infinite Life", *The Hudson Review*, 2005, vol. 58.1, p.19-28

### Reprints

- » "Confessions of a Carnivore", *America Now: Short Readings From Recent Periodicals*, edited by Robert Atwan, Ninth Edition, 2011, Bedford/St. Martin's

## Awards

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- » The Best American Essays 2011, Notable Essays of 2010, "Meditation During a Rainstorm", 2011
- » The Best American Essays 2010, Notable Essays of 2009, "On Being Nothing", 2010
- » The Best American Essays 2006, Notable Essays of 2005, "The Finite Experience of Infinite Life", 2006