Jeff Walker
Software Craftsman

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Columbus Ohio

PROFESSIONAL
EXPERIENCE:

Affinion Group (www.affinion.com)   *February 2017 - Present*
  via *Execu|Search* (www.execu-search.com)
Application Architect

- Advising and managing in migrating Helix application to the AWS Cloud
- Advised on an architecture for blue/green deployments
- Reviewing C# code and Python deployment scripts
- Developed and documented practices for branching and tagging in Git and Gerrit, and publishing internal NuGet packages
- Documenting and training others on the use of Git and Gerrit, and acting as Git Guru

Sabbatical   *February 2016 - January 2017*

- Spoke at CodeMash 2017 on "The Evolution of Memory and Resource Management" and "The Rust Language: Memory, Ownership and Lifetimes"
- Explored starting my own small software business
- Designed large portions of my programming language (adamant-lang.org)
- Volunteered as a speaker (two talks) and organizer for the Columbus Rationality meetup

SchoolPointe, Inc. (www.schoolpointe.com)   *September 2013 - January 2016*
"Sr. Product Engineer"

- Managed a team of four developers and one sysadmin working on three products supporting 375+ school districts across the country
- Interviewed and selected multiple successful hires
- Responsible for product design of new Learning Management System (LMS)
- Architected LMS using C#, ASP.NET MVC 5, Less, AWS DynamoDB, and AWS S3
- Oversaw improvements to architecture leading to increased uptime and reduced costs
- Led push to consolidate code bases, putting the company in a much stronger position to innovate in the future
- Oversaw the beginning of a transition to a DevOps approach including infrastructure as code using AWS CloudFormation and zero-downtime deployments
- Lead developer on LMS

Apprisen (www.apprisen.com)   *August 2012 - September 2013*
  via *Quick Solutions, Inc.*
Senior Consultant

- Assisted in Code Reviews and technical leadership
- Developed background process infrastructure on top of Windows Azure Queues
- Implemented features in ASP.NET MVC application using NHibernate, IoC, and jQuery
- Learned and developed in CoffeeScript
- Responsible for the transition from Entity Framework to NHibernate and NH conventions

Primary Financial Company (www.epfc.com)   *May 2010 - August 2012*
  via *Quick Solutions, Inc.*
Project Engineer

- Led a team of up to 6 developers in creating a line of business application using ASP.NET MVC, NHibernate, and SQL Server 2010
- Implemented an Agile project methodology and a Domain Driven Design (DDD) approach
- Responsible for project architecture, technical design/decisions, and domain modeling
- Responsible for all code reviews and mentoring junior team members
- Adapted web application to run in Windows Azure against SQL Azure using Azure Queues

Resource Interactive *April 2010*
  via *Information Control Corporation* (www.iccohio.com)

Information Control Corporation (www.iccohio.com) *October 2009 - February 2010*
Senior .NET Developer

TDCI Inc. *October 2008 - August 2009*
Senior Software Engineer

- Participated in a Scrum team and Agile Practices including
Test-Driven Development (TDD), Behavior-Driven Development (BDD) and pair programming
- Advised on a revised design for the domain specific language used by customers
- Developed a rewrite of a dynamic web application in C# and VB.NET
- Extended a web forms application in VB.NET with an ASP.NET MVC component to improve
performance using jQuery and AJAX

Chase (www.chase.com) *June 2008 - October 2008*
  via *Quick Solutions, Inc.*

United Healthcare (www.uhc.com) *December 2007 - May 2008*
  via *Oxford Consulting*

Foresight Corporation *July 2004 - November 2007*
Optimum Technology, Inc. (www.otech.com) *August 2002 - June 2004*

WORK
EXPERIENCE:
Oberlin College Computer Science Program *Fall 2000 - Spring 2001*
Lab Aid and Grader for CS 150 & 151

- Graded student's lab work
- Assisted during lab periods
- Worked with approximately 50 different students

Oberlin College Computer Science Program *Fall 2000 - Spring 2001*
Junior Assistant Systems Administrator

OTHER
EXPERIENCE:
Adv. Topics in Object Oriented Programming (cs.oberlin.edu/~jwalker/exco/) *Spring 2002*
ExCo ("Experimental College") Instructor

- Received three credits for teaching an ExCo course at Oberlin College
- Topics Included:
  - Connections between functional and object-oriented programming
  - C++ and Design Patterns
  - Refactoring
  - Parametric Polymorphism (a.k.a. Java Generics)

EDUCATION:
B.A. in Computer Science with a Minor in Mathematics, Oberlin College: May 2002
Graduated with Honors from Thomas Worthington High School: June 1999