

# Derek Houseworth | Senior Software Development Professional

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## Skills & Experience

- Software development lifecycle from requirements research & feature design through specification, feature development, quality assurance and post-release end user support.
- Design & implementation of databases and data-driven web applications based on industry standard technologies including HTML 5, CSS 3, JavaScript, PHP & SQL.
- Ability to quickly & independently develop expertise in new computer programming languages, development tools and application development frameworks.
- Ability to communicate complex, technical issues verbally and in writing such that non-technical users can understand them.
- Management of highly technical teams including hiring, termination & conducting performance reviews.
- Diagnosis & correction of hardware and software problems affecting Microsoft Windows-based computers & compatible devices including routers, printers, scanners, tablets & smartphones.
- Systems administration of Microsoft Windows Server-based networks, server applications and cloud services including Microsoft Active Directory, Exchange Server, SQL Server, Internet Information Server, SharePoint, Remote Desktop/Terminal Server, Hyper-V and Office 365.

## Employment History

### **Principal & Business Owner | Houseworth Consulting, LLC | Kalispell, MT**

I've provided enterprise-class information technology services including custom software development, network systems administration and end-user technical support to small businesses and not-for-profit organizations for over 18 years through my consulting practice.

### **Adjunct & Adult Ed. Instructor | Flathead Valley Community College | Kalispell, MT**

Proposed, developed and delivered a variety of computer training classes through FVCC's Continuing Education department. Taught *Introduction to Web Programming with PHP & SQL* (CSCI210T) 3 credit course as adjunct faculty member for two semesters through FVCC's Computer Science department.

### **Program Manager | Microsoft Corporation | Redmond, WA**

Completed initial research, design and functional specifications for several Microsoft Publisher 2002 features including Publisher's Visual Basic for Applications programming object model and enhancements to file I/O, mail merge & data integration. Managed feature areas from pre-development design through test certification of first milestone of Office XP product development cycle.

## **Software Test Engineer, Lead & Manager | Microsoft Corporation | Redmond, WA**

While employed as a software test engineer, software test lead and software test manager I contributed directly to the design of features, development of product code and quality assurance process for multiple successful desktop publishing products including Microsoft Publisher 2.0, Microsoft Publisher 95, Microsoft Bob 1.0, Microsoft Great Greetings 1.0, Microsoft Greetings Workshop 1.0, Microsoft Greetings Workshop 2.0 and Microsoft Home Publishing 99. As a test lead and test manager I was responsible for developing and adapting the quality assurance process utilized by my team, coordinating development and testing schedules with other Microsoft product groups and performing personnel management tasks including hiring, terminations and conducting performance reviews for a team of up to 10 full time, contract and intern software test engineers.

## **Education & Credentials**

- Microsoft Certified Technical Specialist: Windows Small Business Server 2008 Configuration - 2010
- Leadership Flathead – Class of 2010 Graduate
- U.S. Small Business Administration / Small Business Institute Case of the Year Award – national undergraduate team winner
- Bachelor of Science in Business Management with computer science minor, Montana State University

## **Technology Skills**

### **Programming Languages**

C#, C++, PHP, HTML, CSS, JavaScript, SQL, Arduino/Processing, Microsoft VB.NET, Microsoft Visual Basic for Applications, MIT App Inventor

### **Application Development Frameworks / Platforms / Libraries**

Microsoft .NET, SAP Crystal Reports, CakePHP MVC, jQuery, Xamarin (currently working toward certification)

### **Operating Systems**

Microsoft Windows, Microsoft Windows Server, Microsoft Windows 10 IoT Core

### **Applications & Services**

Microsoft Visual Studio, Microsoft Office, Microsoft Office 365, Microsoft SharePoint, Microsoft SQL Server, Microsoft Exchange, NetBeans