



# COUNTERPOINT DATA SERVICES

## **Melanie Downie Robinson**

Ms. Robinson has been a programmer and software developer for over 14 years and has been the owner and chief programmer of her own firm for 3 years. She is experienced in many computer programs and applications and has provided services to a wide range of clients from small non-profit organizations to medium sized companies.

## **EDUCATION**

DePauw University, Greencastle, Indiana  
Double Major, Computer Science and Vocal Performance

## **EXPERIENCE**

### **2009-Present      OWNER AND PRINCIPAL PROGRAMMER, COUNTERPOINT DATA SERVICES**

A software development firm that provides expertise in programming, data cleanup and preparation, database development and management, report creation and spreadsheet automation. Responsibilities include software development and programming.

### **2002-2010      SYSTEMS ADMINISTRATOR, FRENCH AMERICAN INTERNATIONAL SCHOOL**

Responsibilities included application development including interfaces with Access databases, database consolidation and management, data extraction, network administration. Designed and implemented Cold Fusion, a web application to interface with an Access database. Established data integration in the Blackbaud environment. Aligned database configuration for the school culture and workflow. Prepared data imports, export and queries for users' needs.

### **2000-2001      SERVICE APPLICATIONS SPECIALIST, HILL-ROM EUROPE**

Responsibilities included maintaining Oracle databases, developing queries in SQL, Access and Cognos Impromptu. Supported application for the rental and services management business. Adapted software to the specific needs of users and management. Produced technical specifications and training manuals and trained users using these materials. Managed implementations, upgrades and roll-outs.

## **RELEVANT SKILLS**

### **PROGRAMMING**

Familiar with most modern and legacy programming/scripting languages including the entire .NET platform, Visual Studio, C/C++/C#, SQL, VBA, Cold Fusion, Java, JavaScript, PHP, Perl, HTML, XML, Turbo Pascal, Lisp/Scheme, Basic, Assembly. Familiar with most modern and legacy programming/scripting languages including the entire .NET platform, Visual Studio, C/C++/C#, SQL, VBA, Cold Fusion, Java, JavaScript, PHP, Perl, HTML, XML, Turbo Pascal, Lisp/Scheme, Basic, Assembly



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## **DATABASES**

Relational database design, development, maintenance. SQL Server, Oracle, MySQL, Access, FileMaker and more.

## **WEBSITES AND WEB APPS**

WordPress, Joomla, Google Sites, Dreamweaver, notepad, among others.

## **DATA CLEANUP & CONVERSION**

Data preparation for imports/exports, porting between systems, de-duplication and standardization.

## **REPORTS AND QUERIES**

Experienced with third-party tools like *Crystal Reports*, and quick to master the native tools of any new platform.

## **TECHNICAL TRAINING AND DOCUMENTATION**

Clear, attractive, thorough documentation. Excellent speaking and presentation skills.

## **OTHER SKILLS**

Able to speak, read and write fluent French. Able to read and understand German.