

Jordan Wages
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Education	B.S. in Computer Engineering and Computer Science <i>J.B. Speed School of Engineering, UofL, Louisville, KY</i> <i>Dates attended 8/2005 – 12/2009</i> <i>Responsible for 100% of tuition costs</i>	December 2009
Skills	<i>Technical Skills</i> <ul style="list-style-type: none">• C# Programming (.NET 2.0, 3.5, 4.0, 4.5)• WCF Services• Silverlight 4.0 Certified• ASP.NET• MVC4• C++ Programming• Microsoft SQL Server DB• MySQL DB• Visual Studio (2005, 2008, 2010, 2015, 2017)• Aptana Studio• Object Oriented Design• Windows (XP, 7, 10)• Windows Server 2008• Linux (Red Hat, Debian)• Office Suite (Microsoft Office, LibreOffice) <i>Additional Skills</i> <ul style="list-style-type: none">• SQL skills• PHP and web design skills• XNA and graphics skills	
Work Experience	Alliant Technologies <i>Software Engineer</i>	Louisville, KY 2007 – 2010
	<ul style="list-style-type: none">• Responsible for creating an enterprise database manipulation, configuration and maintenance software suite for use at the UPS Worldport package sorting facility<ul style="list-style-type: none">◦ Used the .NET 2.0 platform and C# to create a front end application to be used by UPS operators as well as extensive middle tier processing logic.◦ Interfaced with an Oracle database instance and presented user friendly structures that represented complex structures that were spread across multiple tables and in some cases multiple schemas.◦ Interfaced with a proprietary real time database.◦ Created a modular system that shared common controls, methods and system resources. This allowed future developers a means of adding to the application with minimal delay in learning the entire code base of the application. An interface was provided that, if followed, could integrate into the full application suite.◦ Documented the code base for future developers in executable help format.◦ Documented the application uses and procedures for end users.• Designed a system monitoring and reporting service for Redhat Linux servers.<ul style="list-style-type: none">◦ Used C and C++ to create a service that monitored various system and physical conditions of the server and reported the values to a real time database.◦ The service was self sustaining, designed to recover under an array of fault events, including thread and power faults.• Designed HMI screens to be used in the UPS parcel handling HMI.<ul style="list-style-type: none">◦ Used a proprietary SVG based design utility to create and maintain hundreds of drawings.◦ Used JScript to create animations and achieve specialized data processing.• Tested various system functions according to customer specifications.<ul style="list-style-type: none">◦ Used customer requested testing methods to ensure that all system modules operated properly both alone and in communication with other sections.	
	Alliant Technologies	2010 – 2011

- Responsible for testing the HMI system for the Las Vegas McCarran International Airport Terminal 3 expansion.
 - Used Visual Studio to diagnose and remedy application level errors with both the server services as well as the front end control panel suite.
 - Used SQL Server Management Studio to diagnose and remedy database level errors with stored procedures, triggers and to alter table structures where necessary.
 - Used a proprietary conveyor emulation environment that runs on the QNX operating system to diagnose and remedy communication level errors between the conveyors and system servers.
- Installed all servers on site in Las Vegas.
 - Set up all physical machines on site.
 - Established virtual servers using Marathon protection and XenServer virtualization environment.
 - Networked the physical and virtual machines to the programmable logic controllers used to communicate with and control the hardware in the facility.

The Rawlings Group

La Grange, KY

Software Engineer

2011 – 2013

- Responsible for maintenance of an enterprise grade health insurance claim auditing and tracking software suite.
 - Used .NET 4.0 and C# in maintaining a custom claim auditing and tracking software suite used to monitor and research insurance claims for possible overpayment scenarios.
 - Interfaced a Silverlight client with WCF services hosted as both Windows services and in IIS6 and IIS7.
 - Worked closely with business unit interests as well as quality assurance teams to move through agile software development cycles.
- Progressively migrated functionality from legacy VB6 application into Silverlight web applications.
 - Incrementally moved features from VB6 application in stages.
 - Implemented a hybrid application with the legacy VB6 application acting as a shell and hosting the new Silverlight web application.
 - Created native-feeling functionality and interactivity between Silverlight and VB6 applications.
- Responsible for enhancing functionality and usability of a legacy Sharepoint Web Parts contact management and tracking application.
 - Added performance enhancements to improve system processing speeds.
 - Altered user interface and back end processing capabilities to allow for processing of multiple records, increasing contact specialists work throughput.
 - Worked directly with interested business units to deliver what would be most useful for direct users of the application.
- Responsible for extension and maintenance of a business critical legacy VB6 printing application.
 - Responsible for integrating a C# COM control into the VB6 application.

Zirmed, A Waystar Company

Louisville, KY

Software Engineer

2013 – 2017

- Responsible for maintenance and expansion of the Remittance component of an enterprise grade medical revenue cycle management suite.
 - Used .NET 4.5 and C# in maintaining payment processing and analysis of payment remittance.
 - Created user friendly customer facing websites used for monitoring and analysis of payment and remittance account information.
 - Developed back-end processing services for receiving, processing, and storing third party bank and payment information.
- Created custom tooling for internal groups including developers, QA personnel, and support staff.
 - Created and maintained a Windows File Explorer integration that implemented encryption and decryption capabilities based on a company wide standard.
 - Created a user friendly Windows Forms application for support staff that interfaced between active Microsoft SQL Server database records and long term IBM Rocket database storage for aiding in client support.
- Presented educational material to teammates regarding LINQ and its advantages in our multi-record centric business domain.
- Hosted team building events monthly within the team to create a sense of comradery between developers, QA, and management.

Applied Experience

Independent Project

Input Processing

- Used C# to design a library capable of computing user input.

- The library utilizes the .NET 4.0 platform and the Coco/R compiler compiler.
- Capable of computing expressions of variable length.
- Capable of storing variables as either static values, static arrays or composite expressions comprising of embedded values, variables and expressions.
- Integrated scripting allows for both compile time and run time method extension.
- Distributed as an open source project on SourceForge.net
 - Released under the GNU Library or Lesser General Public Library (LGPL) license.
- Accessible at <http://www.cs-mic.com>

Independent Project

Program Design

Used C# to design an integrated development environment specialized for the HC11 Motorola chip set with syntax highlighting.

Independent Project

Database Management

Used C# to design an efficient SQL query browser. Designed to be lightweight and flexible.

Activities and Honors

Hobbies include developing and writing programs in C,C++, C# and PHP
National Merit Scholar, 2005